Ref: LO/R9203/001/MH rev01FINAL

22 January 2020

The Oasts
Newnham Court
Bearsted Road
Maidstone
Kent
ME14 5LH

Telephone: +44 (0)1622 632100

Bouygues UK Limited
Becket House
1 Lambeth Palace Road
London
SE1 7EU

For the attention of Mr Graham Mattin

Dear Sirs,

MAITLAND PARK VILLAS AND TRA HALL, LONDON BOROUGH OF CAMDEN SITE INVESTIGATION FOR INDICATIVE WASTE CLASSIFICATION

1 INTRODUCTION

Bouygues UK Limited (BYUK) requested that SOCOTEC UK Limited (SOCOTEC) obtain soil samples for laboratory analysis to allow for the indicative waste classification of the in-situ soils that are proposed for disposal during the subsequent redevelopment at the two sites. The sites are to be referred to as Aspen House off Maitland Park Villas and TRA Hall located off Grafton Terrace within the London Borough of Camden.

It is understood that the Aspen House site which consists of a disused residential tower block and associated soft landscaping and is to have approximately 6,000 m^3 (10,800 tonnes) of soils excavated and subsequently removed from site as waste. The proposed excavation is anticipated to be 2.5 m below ground level (bgl) at the western end of the site, which will reduce to 1.0 m bgl at the eastern end of the site.

The site located off Grafton Terrace known as TRA Hall has approximately 500 m^3 (900 tonnes) of in-situ soils proposed for excavation and removal from site as waste, with a maximum excavation depth of 1.0 m bgl.

In order to undertake an assessment of waste in accordance with the Environment Agency technical guidance WM3, Waste Classification: Guidance on the classification and assessment of waste (1st edition v1.1 2018) the number of samples required is dependent upon the volume of material for disposal and the composition of the waste stream (i.e. homogeneous or heterogeneous material).

For volumes of 10,800 tonnes and 900 tonnes of heterogeneous material a total of 22 No. and 12 No. samples respectively would be required to adequately classify the material. BYUK requested that the waste classification be indicative at this stage and therefore 8 No. samples were requested from Aspen House and 4 No. samples from TRA Hall. Considering the waste classification is indicative, the receiving landfill may require additional samples to be analysed, prior to accepting the soil as waste.

The offer to carry out the work was presented in SOCOTEC proposal reference QLO/EN-130929/001/MH Rev01, dated 27 September 2019. This proposal was accepted by BYUK via a small works sub-contract reference number MP-PR-CS002 dated 11 November 2019 with an amendment dated 11 December 2019.

2 FIELDWORK

A SOCOTEC scientist attended site for 2 No. days from 9 to 10 December 2019 and collected a total of 12 No. soil samples and 1 No. blacktop sample from 4 No. hand dug trial pits, 4 No. windowless sample boreholes and 3 No. machines excavated trial pits.

The boreholes referenced WS01 to WS04 were sunk to a maximum depth of 2.5 m bgl with the shallow trial pits referenced as HP05 to HP07 at Aspen House and HP01 to HP04 at TRA Hall all had a maximum depth of 1.2 m bgl. All exploratory hole locations were backfilled with arisings and made safe.

The exploratory hole location plan is presented in Figure 1 for Aspen House and Figure 1a for TRA Hall. Detailed descriptions of the soil strata encountered and samples collected are presented in the exploratory hole records in Appendix A. Photographs obtained during the fieldwork are presented in Appendix B. The waste sample plan is presented in Appendix C.

2.1 Strata Encountered

2.1.1 Aspen House

The site was found to be underlain by a mixture of blacktop hardstanding (0.1 m in thickness) and grassed areas with topsoil to depths of approximately 0.2 m bgl, beneath this Made Ground was encountered to depths of 0.6 to 0.95 m bgl. The natural clay stratum was encountered below this to a maximum exploration depth of 2.5 m bgl.

No potential asbestos containing materials (ACM) were noted during the fieldwork within this area.

2.1.2 TRA Hall

The entrance into the TRA Hall site was found to be continuous with the existing ground level, 0.1 m of Made Ground was encountered within this area overlying clay. However the area to the west of the entrance Made Ground was encountered to 1.0 m bgl (the base of the exploratory hole). This area of the site was raised above surrounding ground levels.

The location identified as HP4 was located within the footprint of a demolished two space garage block, which comprised a concrete slab.

No potential ACM were noted during the fieldwork within this area.

Each soil sample comprised 3 x 1 litre plastic tubs, 1 x 120ml amber glass jar and 1 x 60ml amber glass jar. The sample containers were placed in cool boxes and transported to the MCERTs and UKAS accredited laboratories of SOCOTEC at Burton on Trent for the asbestos and chemical analysis.

3 LABORATORY TESTING

A programme of chemical laboratory testing was scheduled on the samples for a range of potential contaminants considered appropriate for the site. The scheduled laboratory tests are detailed in Table 1 below and the results are presented in the laboratory test reports referenced EFS/204218M (Ver. 3) presented in Appendix D.

Table 1 Summary of Chemical Laboratory Testing

Determinand	No. of tests
Metals and semi-metals (boron, arsenic, cadmium, chromium, copper, lead, mercury, nickel, selenium and zinc)	12
Lead retest	2*
Hexavalent chromium	12
Cyanide (free)	12
Phenol Index	12
Phenol by HPLC on blacktop sample	1
pH	12
Full TPH CWG to include GRO/BTEX for (nC5 to nC10) plus extractables as aliphatic and aromatic class separation with carbon banding	12
Polycyclic Aromatic Hydrocarbons (US EPA 16 PAH compounds)	12
Polycyclic Aromatic Hydrocarbons (PAH) 17 (blacktop sample)	1
Asbestos Screen (Stage 1)	12
Asbestos Quantification (Stages 2 and 3)	1
Volatile Organic Compounds (VOCs)	12
Full Waste Acceptance Criteria (WAC) suite	10

* due to a potential cross contamination of the original sample with a fragment of metal in sample HP6 at 0.70 to 0.90 m bgl, 2 No. retests were undertaken and the average concentration reported

4 WASTE CLASSIFICATION ASSESSMENT

4.1 Waste Classification Summary

The HazWasteOnline toolkit was used to undertake a Hazard Assessment Screen, to establish whether the individual samples should be considered as representative of either hazardous or non-hazardous waste. This classification process is in accordance with technical guidance document WM3, *Guidance on the classification and assessment of waste* (Ver 1.1 2018), published jointly by Natural Resources Wales / Cyfoeth Naturiol Cymru, the Scottish Environment Protection Agency, the Environment Agency and the Northern Ireland Environment Agency (WM3, 2018).

All samples tested were classified as non-hazardous waste based on their chemical properties.

The HazWasteOnline output reports for the individual samples are presented in Appendix E.

4.2 Asbestos Assessment

No asbestos or potential ACM was noted during the fieldwork. Location HP5 (0.4 – 0.5 m) was found to contain asbestos in the form of chrysotile and amosite, this was subsequently quantified and found to contain 0.005% of unbound fibres not visible to the naked eye. This concentration is below the hazardous waste threshold limit value of 0.1%. No other samples tested positive for the presence of asbestos. Therefore, the material represented by the samples would be considered as non-hazardous waste with respect to asbestos.

4.3 List of Waste Code Aspen House

4.3.1 Sample reference WS1, WS2, WS3, WS4. HP5, HP6 and HP7

Based on the results of the analysis, and the assessment described above, the List of Waste (LoW) code for the material represented by these samples is considered to be '**17 05 04 Soil and stones other than those mentioned in 17 05 03**', i.e. non-hazardous waste.

4.4 List of Waste Code TRA Hall

4.4.1 Sample reference HP1, HP2, HP3 and HP4

Based on the results of the analysis, and the assessment described above, the LoW code for the material represented by these samples is considered to be '**17 05 04 Soil and stones other than those mentioned in 17 05 03**', i.e. non-hazardous waste.

4.5 Waste Acceptance Criteria (WAC) and Disposal

Soil classified as non-hazardous may be disposed of at a non-hazardous landfill without further testing or at an inert landfill subject to meeting inert WAC limits. WAC testing has been undertaken on 4 No. samples from Aspen House and 4 No. samples from TRA Hall.

4.5.1 Aspen House

With the exception of very minor exceedances of leachable fluoride in sample WS2 at 0.3 – 0.6 m, mineral oil in samples from WS1 (0.3 – 0.6 m) and HP6 at 0.4 to 0.5 m and total dissolved solids (TDS) at WS1 (0.3 – 0.6 m) (as detailed in Table 2 below), the non-hazardous samples were found to meet the inert WAC limits, indicating that the soil represented by these samples is likely to be accepted at an inert waste management facility.

Table 2 Summary of Inert WAC Exceedances

Exploratory Location	Sample Depth (m)	Determinand	Inert WAC threshold mg/kg	Determinand concentration mg/kg
WS1	0.3 – 0.6	Mineral oil	500	503
		Sulphate	1000	1020
		Total dissolved solids	4000	8960
WS2	0.3 – 0.6	Fluoride	10	12
HP6	0.3 – 0.5	Mineral oil	500	547
		PAH	100	110.04

4.5.2 TRA Hall

With the exception of very slight exceedances of sulphate at HP2 (0.4 – 0.5 m) and TDS (HP4 0.4 – 0.6 m) as detailed in table 3 below, the non-hazardous samples were found to meet the inert WAC limits, indicating that the soil represented by these samples is likely to be accepted at an inert waste management facility.

Table 3 Summary of Inert WAC Exceedances

Exploratory Location	Sample Depth (m)	Determinand	Inert WAC threshold mg/kg	Determinand concentration mg/kg
HP2	0.4 – 0.5	Sulphate	1000	1290
HP4	0.4 – 0.6	Total dissolved solids	4000	4120

However, it is recommended that the inert waste receiver is consulted as to whether they would be willing to accept this material as it is ultimately the decision of the waste receiver as to whether they will accept the material.

4.6 Waste Classification of Blacktop

Road surfacings / blacktop can contain coal tars in concentrations which render the material hazardous and this largely depends on the age of the surface. Coal tar was used until the mid-1980s and therefore, surfacings laid after this date are likely to be non-hazardous. Once a surface is excavated (including the visible fragments within the stockpile) it becomes a waste and in order for this waste to be handled in accordance with the Duty of Care, it should be determined whether it is hazardous or non-hazardous.

Coal tar is made up of a number of organic chemicals, but in the particular case of road surfacings, the EA has determined that it is the concentration of benzo(a)pyrene that should be used to determine whether those materials should be classified as hazardous or non-hazardous waste. Technical guidance WM3, '*Waste Classification: Guidance on the classification and assessment of waste' (V1.1, 2018)* states:

"*Where the concentration of benzo[a]pyrene is at or above 50 ppm (mg/kg) in the blacktop alone (excluding other material) then the amount of coal tar should be considered to be sufficient (0.1% or more) for the material to be hazardous.*"

The blacktop sample was found to have a benzo(a)pyrene concentration below the 50 mg/kg hazardous threshold, as shown in Table 4.

The results of the laboratory testing are summarised in Table 4 below.

Table 4 Blacktop Classification Results

Sample ID	Total PAH (mg/kg)	Benzo(a)pyrene (mg/kg)	Total Phenols (mg/kg)	Waste Classification
WS01 (0.1 m)	239	15.64	6.640	Non-hazardous

As shown in Table 4, the sample of blacktop analysed would be classified as non-hazardous waste. The LoW coding for the blacktop sample, is therefore considered to be **'17 03 02 bituminous mixtures other than those mentioned in 17 03 01'** i.e. non-hazardous waste.

It should be noted that all blacktop, whether classified as hazardous or non-hazardous waste, can potentially be reused, although blacktop classified as hazardous waste may only be reused in cold lay surfacing.

If disposal is selected rather than reuse, then it is recommended that the proposed receiver site be contacted to confirm whether the testing to date is sufficient for their purposes.

All wastes removed from site should be consigned, transported and disposed of in full accordance with all relevant UK legislation.

SOCOTEC trust that this report meets your requirements, but please contact us should you require clarification on any of the matters raised.

Yours faithfully

for **SOCOTEC**

MARK HURCOMB
Senior Environmental Scientist
mark.hurcomb@socotec.com

References

EA : 2005 : Sampling and testing of wastes to meet landfill waste acceptance procedures. Environment Agency.

EA : 2013 : Waste Sampling and Testing for Disposal to Landfill, EBPRI 11507B, Environment Agency.

EA : 2018 : Technical Guidance Note WM3 'Guidance on the classification and assessment of waste (Version 1.1:), Natural Resources Wales / Cyfoeth Naturiol Cymru, the Scottish Environment Protection Agency, the Environment Agency and the Northern Ireland Environment Agency.

Figure 1 and 1a
Exploratory Hole Location Plan

Window Sample Location

Trial Pit

Not To Scale

Title

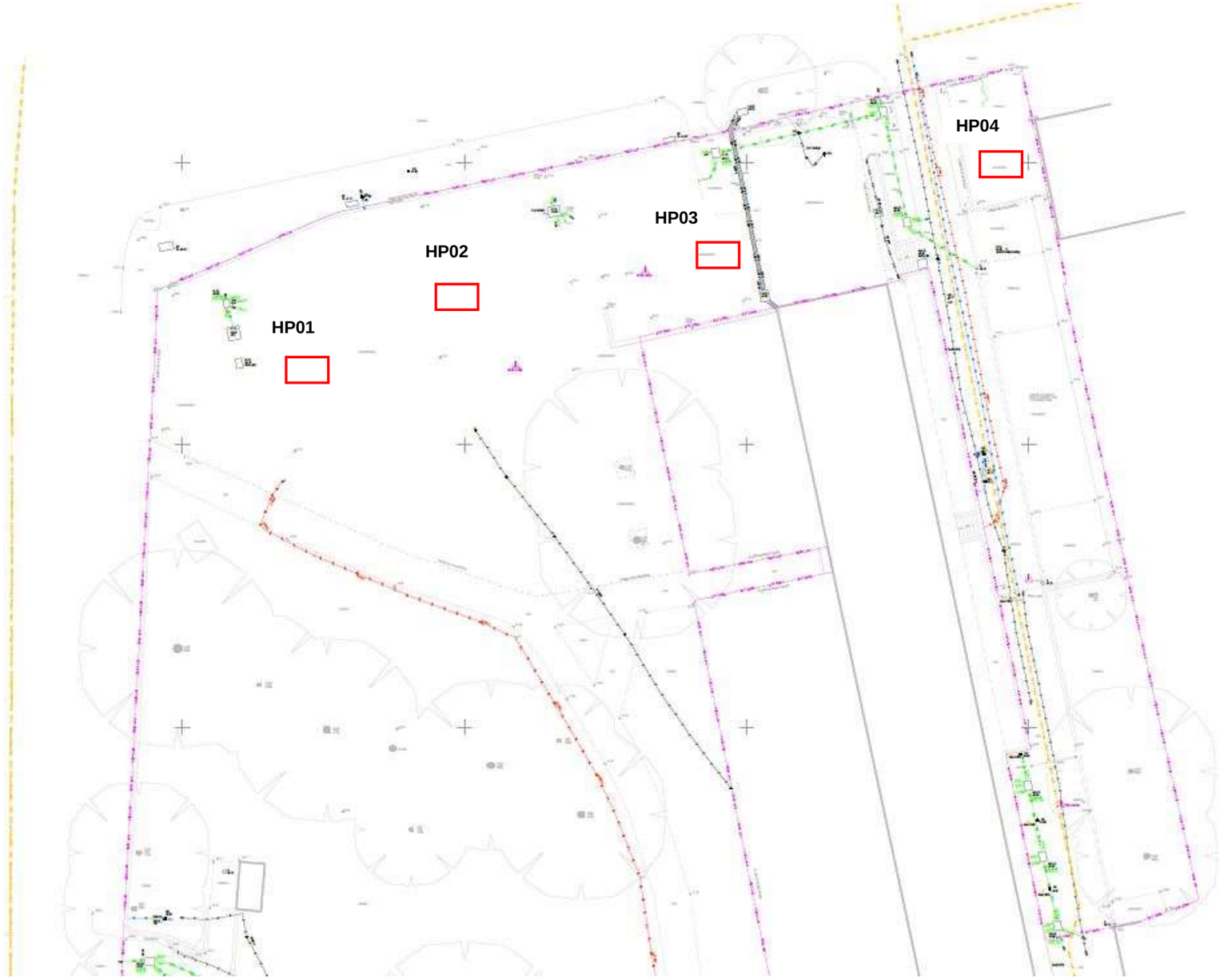
Exploratory Hole Location Plan

Project

Maitland Park Villas – Aspen House

SOCOTEC

Project No	Figure No
R9203	Figure 1



Location of Hand Pits

Not To Scale

Title

Exploratory Hole Location Plan

Project

Maitland Park Villas – TRA Hall

SOCOTEC

Project No	Figure No
R9203	Figure 1a

Appendix A
Exploratory Hole Records

Trial Pit Log

SOCOTEC

Logged MH **Checked** SM **Approved** SM	**Start** 10/12/2019 **End** 10/12/2019	**Equipment, Methods and Remarks** Insultated hand tools	**Dimension and Orientation** Width Length	**Ground Level** **Coordinates (m)** **National Grid**

Samples and Tests

Strata Description

Depth	Type & No.	Records	Main	Detail	Depth, Level (Thickness)	Legend	Backfill
0.30 - 0.50	ES1		(MADE GROUND) Yellowish brown sandy GRAVEL. Sand is medium to coarse. Gravel is subangular to subrounded of flint and brick fragments.		(1.00)		
			END OF EXPLORATORY HOLE		1.00		

Groundwater Entries

No.	Depth Strike (m)	Remarks
1		no water strike

Remarks

Depth (m)	Remarks

Stability stable

Shoring none

Weather wet

Notes: For explanation of symbols and abbreviations see Key to Exploratory Hole Records. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column.

Scale 1:25

17/01/2020 15:15:45

Project **Maitland Park Villas - Aspen House and TRA Hall (Grafton Road)**

Project No. **R9203**

Carried out for **Bouygues UK**

Trial Pit

HP01

Trial Pit Log

SOCOTEC

Logged MH **Checked** SM **Approved** SM	**Start** 10/12/2019 **End** 10/12/2019	**Equipment, Methods and Remarks** Insulated hand tools	**Dimension and Orientation** Width Length	**Ground Level** **Coordinates (m)** **National Grid**

Samples and Tests

Strata Description

Depth	Type & No.	Records	Main	Detail	Depth, Level (Thickness)	Legend	Backfill
0.40 - 0.50	ES1		(MADE GROUND) Yellowish brown slightly gravelly clayey SAND. Sand is fine to coarse. Gravel is subangular medium to coarse of concrete. Occasional cobbles of concrete.	0.40-1.00 becoming lighter in colour	(1.00)		
			END OF EXPLORATORY HOLE		1.00		

Groundwater Entries

No.	Depth Strike (m)	Remarks
1		no water strike

Remarks

Depth (m)	Remarks

Stability stable

Shoring none

Weather wet

Notes: For explanation of symbols and abbreviations see Key to Exploratory Hole Records. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column.

Scale 1:25

17/01/2020 15:15:45

Project **Maitland Park Villas - Aspen House and TRA Hall (Grafton Road)**

Project No. **R9203**

Carried out for **Bouygues UK**

Trial Pit

HP02

Trial Pit Log

SOCOTEC

Logged MH **Checked** SM **Approved** SM	**Start** 10/12/2019 **End** 10/12/2019	**Equipment, Methods and Remarks** Insulated hand tools	**Dimension and Orientation** Width Length	**Ground Level** **Coordinates (m)** **National Grid**

Samples and Tests

Strata Description

Depth	Type & No.	Records	Main	Detail	Depth, Level (Thickness)	Legend	Backfill
0.00 - 0.10	ES1		(MADE GROUND) Soft brown slightly gravelly CLAY. Gravel is subangular to subrounded fine to medium of flint and brick fragments.		0.10 (0.10)		
			END OF EXPLORATORY HOLE				

Groundwater Entries

No.	Depth Strike (m)	Remarks
1		no water strike

Remarks

Depth (m)	Remarks

Stability stable

Shoring none

Weather wet

Notes: For explanation of symbols and abbreviations see Key to Exploratory Hole Records. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column.

Scale 1:25

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Project **Maitland Park Villas - Aspen House and TRA Hall (Grafton Road)**

Project No. **R9203**

Carried out for **Bouygues UK**

Trial Pit

HP03

Trial Pit Log

SOCOTEC

Logged MH **Checked** SM **Approved** SM	**Start** 10/12/2019 **End** 10/12/2019	**Equipment, Methods and Remarks** Hydraulic breaker and insulated hand tools	**Dimension and Orientation** Width Length	**Ground Level** **Coordinates (m)** **National Grid**

Samples and Tests

Strata Description

Depth	Type & No.	Records	Main	Detail	Depth, Level (Thickness)	Legend	Backfill
0.40 - 0.60	ES1		(MADE GROUND) Concrete		0.10 (0.10)		
			(MADE GROUND) Yellowish brown SAND. Sand is coarse.		0.15 (0.05)		
			(MADE GROUND) Soft light brown sandy gravelly CLAY. Sand is coarse. Gravel is subangular medium of brick fragments.		(0.85)		
			END OF EXPLORATORY HOLE		1.00		

Groundwater Entries

No.	Depth Strike (m)	Remarks
1		no water stirke

Remarks

Depth (m)	Remarks

Stability stable

Shoring none

Weather wet

Notes: For explanation of symbols and abbreviations see Key to Exploratory Hole Records. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column.

Scale 1:25

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Project **Maitland Park Villas - Aspen House and TRA Hall (Grafton Road)**

Project No. **R9203**

Carried out for **Bouygues UK**

Trial Pit

HP04

Sheet 1 of 1

Trial Pit Log

SOCOTEC

Logged MH **Checked** SM **Approved** SM	**Start** 10/12/2019 **End** 10/12/2019	**Equipment, Methods and Remarks** 3 tonne excavator	**Dimension and Orientation** Width Length	**Ground Level** **Coordinates (m)** **National Grid**

Samples and Tests

Strata Description

Depth	Type & No.	Records	Main	Detail	Depth, Level (Thickness)	Legend	Backfill
			Grass over soft dark brown sandy CLAY. Sand is fine. Frequent rootlets 1-2 mm diameter. (TOPSOIL)		(0.20) 0.20		
0.40 - 0.60	ESES1		(MADE GROUND) Yellow brown sandy GRAVEL. Sand is coarse. Gravel is subangular to subrounded fine to coarse of flint.		(0.10) 0.30		
			(MADE GROUND) Light brown slightly clayey sandy GRAVEL with occasional cobbles of brick and concrete. Sand is medium to coarse. Gravel is subangular fine to coarse of flint, brick and concrete.		(0.50) 0.80		
			Soft yellow brown CLAY.		(0.30) 1.10		
			END OF EXPLORATORY HOLE				

Groundwater Entries

No.	Depth Strike (m)	Remarks
1		none

Remarks

Depth (m)	Remarks

Stability stable

Shoring none

Weather dry

Notes: For explanation of symbols and abbreviations see Key to Exploratory Hole Records. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column.

Scale 1:25

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Project **Maitland Park Villas - Aspen House and TRA Hall (Grafton Road)**

Project No. **R9203**

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Trial Pit

HP05

Sheet 1 of 1

Trial Pit Log

SOCOTEC

Logged MH **Checked** SM **Approved** SM	**Start** 10/12/2019 **End** 10/12/2019	**Equipment, Methods and Remarks** 3 tonne excavator	**Dimension and Orientation** Width Length	**Ground Level** **Coordinates (m)** **National Grid**

Samples and Tests

Strata Description

Depth	Type & No.	Records	Main	Detail	Depth, Level (Thickness)	Legend	Backfill
			Grass over soft dark brown sandy CLAY. Sand is fine. Frequent rootlets 1-2 mm diameter. (TOPSOIL)		(0.15) 0.15		
0.30 - 0.50	ESES1		(MADE GROUND) Light brown slightly clayey sandy GRAVEL with occasional cobbles of brick and concrete. Sand is medium to coarse. Gravel is subangular fine to coarse of flint, brick and concrete.		(0.80)		
0.70 - 0.90	ESES2						
			Soft yellow brown CLAY.		0.95 (0.25)		
			END OF EXPLORATORY HOLE		1.20		

Groundwater Entries

No.	Depth Strike (m)	Remarks
1		none

Remarks

Depth (m)	Remarks

Stability stable

Shoring none

Weather dry

Notes: For explanation of symbols and abbreviations see Key to Exploratory Hole Records. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column.

Scale 1:25

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Project **Maitland Park Villas - Aspen House and TRA Hall (Grafton Road)**

Project No. **R9203**

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Trial Pit

HP06

Sheet 1 of 1

Trial Pit Log

SOCOTEC

Logged MH **Checked** SM **Approved** SM	**Start** 09/12/2019 **End** 09/12/2019	**Equipment, Methods and Remarks** 3 tonne excavator	**Dimension and Orientation** Width Length	**Ground Level** **Coordinates (m)** **National Grid**

Samples and Tests

Strata Description

Depth	Type & No.	Records	Main	Detail	Depth, Level (Thickness)	Legend	Backfill
			Grass over soft dark brown sandy CLAY. Sand is fine. Frequent rootlets 1-2 mm diameter. (TOPSOIL)		(0.20)		
			(MADE GROUND) Light brown sandy GRAVEL with occasional cobbles of brick and concrete. Sand is medium to coarse. Gravel is subangular fine to coarse subangular of flint, brick, concrete and occasional glass and plastic.		0.20 (0.70)		
0.50 - 0.60	ESES1						
			END OF EXPLORATORY HOLE		0.90		

Groundwater Entries

No.	Depth Strike (m)	Remarks
1		none

Remarks

Depth (m)	Remarks

Stability stable

Shoring none

Weather dry

Notes: For explanation of symbols and abbreviations see Key to Exploratory Hole Records. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column.

Scale 1:25

17/01/2020 15:15:46

AGS

Project **Maitland Park Villas - Aspen House and TRA Hall (Grafton Road)**

Project No. **R9203**

Carried out for **Bouygues UK**

Trial Pit

HP07

Borehole Log

SOCOTEC

Drilled	GS	**Start**	**Equipment, Methods and Remarks**	**Depth from (m)**	**to (m)**	**Diameter (mm)**	**Casing Depth (m)**	**Ground Level**	
Logged	MH	09/12/2019	Premier Compact 120					**Coordinates (m)**	
Checked	SM	**End**						**National Grid**	
Approved	SM	09/12/2019							

Samples and Tests

Strata Description

Depth	Type & No.	Records	Date Casing	Time Water	Main	Detail	Depth, Level (Thickness)	Legend	Backfill
0.00 - 0.10	ES Blacktop				(MADE GROUND) Black MACADAM		0.10 (0.10)		
0.30 - 0.60	ES ES1				(MADE GROUND) CONCRETE with rebar.		(0.20) 0.30		
					(MADE GROUND) Yellow brown slightly clayey gravelly SAND. Sand is medium to coarse. Gravels is subangular fine to medium of flint.		(0.30) 0.60		
					Very soft brown CLAY.		(0.70)		
					Soft yellow brown CLAY.		1.30		
							(1.10)		
					END OF EXPLORATORY HOLE		2.40		

Groundwater Entries

No.	Depth Strike (m)	Remarks	Depth Sealed (m)

Depth Related Remarks

Depths (m)	Remarks

Hard Boring

Depths (m)	Duration (mins)	Tools used

Notes: For explanation of symbols and abbreviations see Key to Exploratory Hole Records. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column.

Scale 1:50

17/01/2020 15:15:46

Project Maitland Park Villas - Aspen House and TRA Hall (Grafton Road)

Project No. R9203

Carried out for Bouygues UK

Borehole WS01

Sheet 1 of 1

Borehole Log

SOCOTEC

Drilled	GS	**Start**	**Equipment, Methods and Remarks**	**Depth from (m)**	**to (m)**	**Diameter (mm)**	**Casing Depth (m)**	**Ground Level**	
Logged	MH	09/12/2019	Premier Compact 120					**Coordinates (m)**	
Checked	SM	**End**						**National Grid**	
Approved	SM	09/12/2019							

Samples and Tests

Strata Description

Depth	Type & No.	Records	Date Casing	Time Water	Main	Detail	Depth, Level (Thickness)	Legend	Backfill
0.30 - 0.60	ES ES1				(MADE GROUND) Black MACADAM		0.10 (0.10)		
					(MADE GROUND) CONCRETE with rebar.		(0.20) 0.30		
					(MADE GROUND) Soft light brown gravelly sandy CLAY. Sand is fine. Gravel is subangular to rounded fine to medium of flint and brick.		(0.50) 0.80		
					Soft to firm yellow brown CLAY.	0.90-1.00 becoming slightly silty and friable			
						1.90-2.10 cobble of sandstone with friable sandy Clay	(1.70)		
					END OF EXPLORATORY HOLE		2.50	1	

Groundwater Entries

No.	Depth Strike (m)	Remarks	Depth Sealed (m)
1	2.40		

Depth Related Remarks

Depths (m)	Remarks

Hard Boring

Depths (m)	Duration (mins)	Tools used

Notes: For explanation of symbols and abbreviations see Key to Exploratory Hole Records. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column.

AGS

Scale 1:50

17/01/2020 15:15:47

Project Maitland Park Villas - Aspen House and TRA Hall (Grafton Road)

Project No. R9203

Carried out for Bouygues UK

Borehole

WS02

Borehole Log

SOCOTEC

Drilled	GS	**Start**	**Equipment, Methods and Remarks**	**Depth from (m)**	**to (m)**	**Diameter (mm)**	**Casing Depth (m)**	**Ground Level**	
Logged	MH	09/12/2019	Premier Compact 120					**Coordinates (m)**	
Checked	SM	**End**						**National Grid**	
Approved	SM	09/12/2019							

Samples and Tests

Strata Description

Depth	Type & No.	Records	Date Casing	Time Water	Main	Detail	Depth, Level (Thickness)	Legend	Backfill
0.40 - 0.50	ES ES1				(MADE GROUND) Black MACADAM		0.10 (0.10)		
					(MADE GROUND) CONCRETE with rebar.		0.30 (0.20)		
					(MADE GROUND) Red brown GRAVEL of subangular fine to coarse brick.		0.60 (0.30)		
					Soft to firm yellow brown CLAY.		(1.90)		
					END OF EXPLORATORY HOLE		2.50		

Groundwater Entries

No.	Depth Strike (m)	Remarks	Depth Sealed (m)

Depth Related Remarks

Depths (m)	Remarks

Hard Boring

Depths (m)	Duration (mins)	Tools used

Notes: For explanation of symbols and abbreviations see Key to Exploratory Hole Records. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column.

Scale 1:50

17/01/2020 15:15:47

Project Maitland Park Villas - Aspen House and TRA Hall (Grafton Road)

Project No. R9203

Carried out for Bouygues UK

Borehole

WS03

Sheet 1 of 1

Borehole Log

SOCOTEC

Drilled	GS	**Start**	**Equipment, Methods and Remarks**	**Depth from (m)**	**to (m)**	**Diameter (mm)**	**Casing Depth (m)**	**Ground Level**	
Logged	MH	09/12/2019	Premier Compact 120					**Coordinates (m)**	
Checked	SM	**End**						**National Grid**	
Approved	SM	09/12/2019							

Samples and Tests

Strata Description

Depth	Type & No.	Records	Date Casing	Time Water	Main	Detail	Depth, Level (Thickness)	Legend	Backfill
0.40 - 0.50	ES ES1				Grass over soft dark brown sandy CLAY. Sand is fine. Frequent rootlets 1-2 mm diameter. (TOPSOIL)		(0.25) 0.25		
					(MADE GROUND) Yellow brown clayey sandy GRAVEL. Sand is fine. Sand is coarse. Gravel is subangular to subrounded fine to medium of flint and brick.		(0.55) 0.80		
					Soft yellow brown CLAY.	0.80-2.50 becoming firmer with increasing depth	(1.70) 2.50		
					END OF EXPLORATORY HOLE				

Groundwater Entries

No.	Depth Strike (m)	Remarks	Depth Sealed (m)

Depth Related Remarks

Depths (m)	Remarks

Hard Boring

Depths (m)	Duration (mins)	Tools used

Notes: For explanation of symbols and abbreviations see Key to Exploratory Hole Records. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column.

AGS

Scale 1:50

17/01/2020 15:15:47

Project Maitland Park Villas - Aspen House and TRA Hall (Grafton Road)

Project No. R9203

Carried out for Bouygues UK

Borehole

WS04

Sheet 1 of 1

Appendix B
Photographs

PHOTOGRAPHS

Plate 1
Showing EOD engineer assessing risk within window sample hole

Plate 2
Showing location of window sample WS02 within Aspen House

PHOTOGRAPHS

Plate 3
Showing the arisings of clay within WS02 before backfilling the void

Plate 4
Showing concrete below blacktop

PHOTOGRAPHS

Plate 5
Showing arisings of crushed brick at WS03

Plate 6
Showing arisings and location of WS04

PHOTOGRAPHS

Plate 7
Showing excavation at HP05

Plate 8
Showing excavation at HP06

PHOTOGRAPHS

Plate 9
Showing arisings HP06

Plate 10
Showing arisings at location HP7

PHOTOGRAPHS

Plate 11
Showing arisings at HP01

Plate 12
Showing arisings at HP02

PHOTOGRAPHS

Plate 13
Showing arisings at HP03

Plate 14
Showing arisings of HP04

PHOTOGRAPHS

Plate 15
Showing location of HP04

Appendix C
Waste Sampling Plan

Sampling Plan for Waste Classification and Assessment

Sampling Plan Name / Ref.

R9203, Maitland Park Villas, Aspen House and TRA Hall

Date prepared: December 2019

Prepared by: Mark Hurcomb Prepared for: Bouygues UK Limited (BYUK)

Preparatory Steps

Involved parties:
SOCOTEC UK Limited
BYUK

Objectives:	Technical goals:
To provide an indicative waste classification report.	To undertake sampling of stockpiled material encountered and apply the principles of WM3.

Background information researched:

In accordance with EA WM3 and associated references, the number of samples required to adequately characterise waste soil is dependent upon the volume of waste to be disposed of.

The Made Ground is classed as heterogeneous. Approximately 10,800 tonnes of potentially heterogeneous waste material is expected at Aspen House and would require approximately 22 No. samples (should all the waste prove to be heterogeneous). As this investigation is for indicative purposes BYUK have requested 8 No. samples.

TRA Hall site has Made Ground to 1.0 m bgl, this is the depth of materials going off site therefore 12 No. samples would be required for 900 tonnes of heterogeneous material. As this investigation is for indicative purposes BYUK have requested 4 No. samples.

If markedly different material or contamination (such as asbestos) is encountered during excavation then further sampling would be advised.

Determine level of testing required: Basic Characterisation

Constituents to be tested:

WASTE CLASSIFICATION SUITE

- Metals (B, As, Cd, Cr, Cu, Pb, Hg, Ni, Se, Zn, Vanadium)
- Hexavalent chromium
- Cyanide (free)
- Phenol
- Asbestos screen and ID, and (quantification if asbestos found by the screen)
- pH
- 16 priority PAHs
- WM3 TPH C6-C40 (GRO (C6-C8))
- TPH* by GCFID (C80C40 with carbon banding)
- Moisture content
- VOCs

Additional determinands
N/A

*TPH interpretation (C6-C40), i.e. if TPH C6-C40 >1000 mg/kg

Health and Safety Precautions, and Access Restrictions:

Refer to the site-specific / task RAMS.

Technical Goals	
Define • Populations	The total waste population is 10,800 tonnes of material from Aspen House and 900 tonnes from TRA Hall.
Scale of sampling (number of populations / subpopulations to be considered and volume of each)	12 No. samples to be used to provide an initial waste classification of the in-situ material.

Practical Instructions and Sampling Methodology (CEN/TR 15310-1&2)	
Name and Organisation of sampler	SOCOTEC
Other parties present during sampling (name and organisation)	Bouygues UK Limited
Statistical approach to be used	Non parametric
Sampling approach and pattern (including justification)	Stratified random sampling to provide where possible an overall representative dataset of all strata (sub-populations) if encountered within the waste source.
Identify sampling place and points	12 No. samples to be taken from varying depths across the site.
Sampling equipment needed	Refer to the site-specific / task RAMS.
Sampling equipment to be used	Refer to the site-specific / task RAMS.
Sample details • Individual or composite • Number of samples / increments • Size of samples / increments	Individual samples. Further samples may be required / recommended to confirm the classification. Sufficient to fill the set of sample containers required for the sampling suite.
Sample ref. number methodology	Window Samples WS01 to WS04 Trial pits HP01 to HP07
Anticipated restrictions or limitations that may impact on data reliability	The number of requested samples/allowed for does not complies with EA guidance as this is an initial indicative waste classification assessment.

Packaging, Preservation, Storage, and Transport Requirements (CEN/TR 15310-4)	
Packaging (type, size, material considering risk of adsorption/reaction, cleaning etc.)	Refer to SOCOTEC SOPs.
Preservation (samples shall be packed and transported in such a way that their condition at the time of sampling is	Refer to SOCOTEC SOPs.
Storage	Refer to SOCOTEC SOPs.
Transport Method	Refer to SOCOTEC SOPs.
Transport Company details: SOCOTEC Lab arranged courier (APC). Contact: SOCOTEC Environmental Chemistry Collection dates: 10 December 2019	
Analytical laboratory	
Company details : SOCOTEC Contact name: Environmental Chemistry	

Appendix D
Laboratory Test Reports

Our Ref: EFS/204218M (Ver. 3)
Your Ref: R9203

January 21, 2020

Environmental Chemistry
SOCOTEC UK Limited
Bretby Business Park
Ashby Road
Burton-on-Trent
Staffordshire
DE15 0YZ

Telephone: 01283 554400
Facsimile: 01283 554422

Mark Hurcomb
SOCOTEC UK Maidstone
The Oasts
Newnham Court
Bearsted Road
Maidstone
Kent
ME14 5LH

For the attention of Mark Hurcomb

Dear Mark Hurcomb

Sample Analysis - R9203 Maitland Park Villas - Aspen House

Samples from the above site have been analysed in accordance with the schedule supplied.
The sample details and the results of analyses for these samples are given in the appended report.

An invoice for this work will follow under a separate cover.

Where appropriate the samples will be kept until 22/01/20 when they will be discarded. Please call 01283 554434 for an extension of this date.
Please be aware that our policy for the retention of paper based laboratory records and analysis reports is 6 years.

The work was carried out in accordance with SOCOTEC UK Limited (Laboratory and Analytical) Standard Terms and Conditions of Contract.

If I can be of any further assistance please do not hesitate to contact me.

Yours sincerely

for SOCOTEC UK Limited

K Smith
Project Co-ordinator
01283 554434

TEST REPORT

1252

Report No. EFS/204218M (Ver. 3)

SOCOTEC UK Maidstone
The Oasts
Newnham Court
Bearsted Road
Maidstone
Kent
ME14 5LH

Site: R9203 Maitland Park Villas - Aspen House

The 13 samples described in this report were registered for analysis by SOCOTEC UK Limited on 11-Dec-2019. This report supersedes any versions previously issued by the laboratory.

The analysis was completed by: 21-Jan-2020

Tests where the accreditation is set to N or No, and any individual data items marked with a * are not UKAS or MCERTS accredited. Any opinions or interpretations expressed herein are outside the scope of any UKAS accreditation held by SOCOTEC UK Limited.

The following tables are contained in this report:

On behalf of
SOCOTEC UK Lim
Becky Batham Operations Manager
Energy & Waste Services

Date of Issue: 21-Jan-2020

Accreditation Codes: **N** (Not Accredited), **U** (UKAS), **UM** (UKAS & MCERTS)
Tests marked '^' have been subcontracted to another laboratory.
(NVM) - denotes the sample matrix is dissimilar to matrices upon which the MCERTS validation was based, and is therefore not accredited for MCERTS.
All results are reported on a dry weight basis at 105^{o}C unless otherwise stated. (except QC samples)
SOCOTEC UK Limited accepts no responsibility for any sampling not carried out by our personnel.

Units :			Mol/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Method Codes :			ANC	BTEXHSA	BTEXHSA	BTEXHSA	BTEXHSA	BTEXHSA	BTEXHSA	BTEXHSA	GROHSA	ICPBOR	ICPMSS	ICPMSS	ICPMSS	ICPMSS	ICPMSS	ICPMSS
Method Reporting Limits :			0.04	10	10	20	20	10	10	30	0.2	0.5	0.3	0.2	1.2	1.6	0.7	0.5
Accreditation Code:			N	UM	UM	UM	U	UM	UM	UM	UM	UM	UM	UM	UM	UM	UM	UM
LAB ID Number CL/	**Client Sample Description**	**Sample Date**	**Acid Neut. Capacity**	**Benzene**	**Ethyl Benzene**	**m/p Xylenes**	**MTBE**	**o Xylene**	**Toluene**	**Xylenes**	**GRO (C6-C8)**	**Boron (H20 Soluble)**	**Arsenic (MS)**	**Cadmium (MS)**	**Chromium (MS)**	**Copper (MS)**	**Lead (MS)**	**Mercury (MS)**
1980988	WS01 0.30-0.60	09-Dec-19	1.23	<11.5	<11.5	<23.0	<23.0	<11.5	<11.5	<34	<0.2	0.5	5.0	<0.20	40.3	21.7	12.8	<0.5
1980989	WS02 0.30-0.60	09-Dec-19	1.10	<12.5	<12.5	<25.0	<25.0	<12.5	<12.5	<38	<0.3	1	6.0	<0.21	54.5	31.9	17.2	<0.5
1980990	WS03 1.00-1.20	09-Dec-19									<0.3	1.8	5.9	<0.21	20.7	28.0	47.7	<0.5
1980991	WS04 0.40-0.50	09-Dec-19	0.47	<11.1	<11.1	<22.2	<22.2	<11.1	<11.1	<33	<0.2	1.2	4	<0.20	40.3	20.8	10.4	<0.5
1980992	HP7 0.50-0.60	09-Dec-19	0.25	<12.3	<12.3	<24.7	<24.7	<12.3	<12.3	<37	<0.2	1.5	5.0	<0.2	27.1	17.1	13.9	<0.5
1980993	HP1 0.30-0.50	10-Dec-19	0.24	<11.3	<11.3	<22.7	<22.7	<11.3	<11.3	<34	<0.2	0.7	5.2	0.23	46.2	37.4	23.7	<0.5
1980994	HP2 0.40-0.50	10-Dec-19	3.24	<12.4	<12.4	<24.8	<24.8	<12.4	<12.4	<37	<0.2	0.5	22.5	0.46	30.5	166.6	245.1	<0.52
1980995	HP3 0.00-0.10	10-Dec-19	1.41	<13.4	<13.4	<26.8	<26.8	<13.4	<13.4	<40	<0.3	0.7	10.8	1.54	26.2	50	136.4	<0.52
1980996	HP4 0.40-0.60	10-Dec-19	1.59	<12.9	<12.9	<25.8	<25.8	<12.9	<12.9	<39	<0.3	0.7	7.8	0.45	16.6	28	164.1	<0.52
1980997	WS01 0.10 (NVM)	09-Dec-19																
1980998	HP5 0.40-0.60	10-Dec-19	2.09	<12.6	<12.6	<25.3	<25.3	<12.6	<12.6	<38	<0.3	1.7	13.0	0.24	41	23.8	16.3	<0.5
1980999	HP6 0.30-0.50	10-Dec-19	2.05	<12.4	<12.4	<24.9	<24.9	<12.4	<12.4	<37	<0.2	1.0	7.7	<0.21	22.6	22.5	20.7	<0.5
1981000	HP6 0.70-0.90	10-Dec-19									<0.2	0.7	11.2	0.29	21.6	43.7	208	<0.52

SOCOTEC

Bretby Business Park, Ashby Road

Burton-on-Trent, Staffordshire, DE15 0YZ

Tel +44 (0) 1283 554400

Fax +44 (0) 1283 554422

Client Name SOCOTEC UK Maidstone

Contact Mark Hurcomb

R9203 Maitland Park Villas - Aspen House

Sample Analysis

Date Printed	**21-Jan-2020**
Report Number	**EFS/204218M**
Table Number	**1**

Where individual results are flagged see report notes for status.
Results corrected to dry weight at 105°C where appropriate, in accordance with the MCERTS standard.

		Units :	mg/kg	mg/kg	mg/kg	mg/kg	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
		Method Codes :	ICPMSS	ICPMSS	ICPMSS	KONECR	LOI(%MM)	PAHMSUS	PAHMSUS	PAHMSUS	PAHMSUS	PAHMSUS	PAHMSUS	PAHMSUS	PAHMSUS	PAHMSUS	PAHMSUS	PAHMSUS	PAHMSUS
		Method Reporting Limits :	2	0.5	16	0.1	0.2	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
		Accreditation Code:	UM	UM	UM	N	N	UM	U	U	UM	UM	UM	UM	UM	UM	UM	N	UM
LAB ID Number CL/	**Client Sample Description**	**Sample Date**	**Nickel (MS)**	**Selenium (MS)**	**Zinc (MS)**	**Chromium vi:**	**L.O.I. % @ 450C**	**Acenaphthene**	**Acenaphthylene**	**Anthracene**	**Benzo(a)anthracene**	**Benzo(a)pyrene**	**Benzo(b)fluoranthene**	**Benzo(ghi)perylene**	**Benzo(k)fluoranthene**	**Chrysene**	**Coronene**	**Dibenzo(ah)anthracene**
1980988	WS01 0.30-0.60	**09-Dec-19**	38.3	0.5	59.3	<0.1	2.5	0.55	0.33	1.50	4.14	4.62	5.20	2.31	1.96	3.57	0.55	0.53
1980989	WS02 0.30-0.60	**09-Dec-19**	59.5	1.0	86.5	<0.1	5.6	0.30	<0.10	0.41	0.64	0.63	0.65	0.31	0.25	0.53	<0.10	<0.10
1980990	WS03 1.00-1.20	**09-Dec-19**	26.7	1.5	24.2	<0.1		<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10		<0.10
1980991	WS04 0.40-0.50	**09-Dec-19**	37.6	0.7	56.3	<0.1	1.6	<0.09	<0.09	<0.09	0.26	0.21	0.26	0.12	0.12	0.21	<0.09	<0.09
1980992	HP7 0.50-0.60	**09-Dec-19**	27.9	0.9	47.8	<0.1	3.5	<0.10	0.10	0.20	1.02	1.22	1.48	0.77	0.57	1.01	0.20	0.16
1980993	HP1 0.30-0.50	**10-Dec-19**	48.2	1.7	242.4	<0.1	1.5	<0.09	<0.09	<0.09	0.23	0.32	0.37	0.22	0.16	0.27	<0.09	<0.09
1980994	HP2 0.40-0.50	**10-Dec-19**	52.5	2.2	136.3	0.6	2.5	<0.10	<0.10	0.17	0.61	0.59	0.71	0.33	0.31	0.54	<0.10	<0.10
1980995	HP3 0.00-0.10	**10-Dec-19**	23	0.7	248.6	0.2	5.3	<0.11	<0.11	<0.11	0.47	0.80	1.10	0.54	0.39	0.59	0.12	0.13
1980996	HP4 0.40-0.60	**10-Dec-19**	15.9	0.7	114.6	<0.1	3.3	0.22	<0.10	0.34	0.63	0.52	0.66	0.23	0.28	0.59	<0.10	<0.10
1980997	WS01 0.10 (NVM)	**09-Dec-19**						1.887§	1.423§	11.20§	14.93§	15.64§	19.88§	7.972§	6.509§	14.33§	1.87	1.978§
1980998	HP5 0.40-0.60	**10-Dec-19**	37.0	1.4	78.9	<0.1	3.3	0.11	0.39	1.14	5.30	5.13	6.42	2.38	2.28	4.55	0.58	0.59
1980999	HP6 0.30-0.50	**10-Dec-19**	20.7	0.7	70.1	<0.1	3.8	0.29	1.79	2.44	10.24	10.57	12.4	5.27	4.79	8.40	1.21	1.23
1981000	HP6 0.70-0.90	**10-Dec-19**	21.4	0.6	293.4	<0.1		0.18	1.11	1.50	7.43	7.69	9.28	3.90	3.41	6.15		0.89

SOCOTEC

Bretby Business Park, Ashby Road

Burton-on-Trent, Staffordshire, DE15 0YZ

Tel +44 (0) 1283 554400

Fax +44 (0) 1283 554422

Client Name SOCOTEC UK Maidstone

Contact Mark Hurcomb

R9203 Maitland Park Villas - Aspen House

Sample Analysis

Date Printed	**21-Jan-2020**
Report Number	**EFS/204218M**
Table Number	**1**

Where individual results are flagged see report notes for status.
Results corrected to dry weight at 105°C where appropriate, in accordance with the MCERTS standard.

Units :			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	mg/kg	mg/kg
Method Codes :			PAHMSUS	PAHMSUS	PAHMSUS	PAHMSUS	PAHMSUS	PAHMSUS	PAHMSUS	PCBECD	PCBECD	PCBECD	PCBECD	PCBECD	PCBECD	PCBECD	PHEHPLC	PHEHPLC
Method Reporting Limits :			0.08	0.08	0.08	0.08	0.08	0.08	1.28	5	5	5	5	5	5	5	0.3	0.3
Accreditation Code:			UM	UM	UM	UM	UM	UM	U	UM	UM	UM	UM	UM	UM	UM	U	UM
LAB ID Number CL/	**Client Sample Description**	**Sample Date**	**Fluoranthene**	**Fluorene**	**Indeno(123-cd)pyrene**	**Naphthalene**	**Phenanthrene**	**Pyrene**	**Total PAH (Sum of USEPA 16)**	**PCB 101**	**PCB 118**	**PCB 138**	**PCB 153**	**PCB 180**	**PCB 28**	**PCB 52**	**Cresols**	**Phenol**
1980988	WS01 0.30-0.60	09-Dec-19	8.63	0.38	2.93	<0.09	3.09	7.31	<47.2	<5.74	<5.74	<5.74	<5.74	<5.74	<5.74	<5.74		
1980989	WS02 0.30-0.60	09-Dec-19	1.24	0.19	0.34	0.11	1.23	1.06	<8.05	<6.25	<6.25	<6.25	<6.25	<6.25	<6.25	<6.25		
1980990	WS03 1.00-1.20	09-Dec-19	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<1.68									
1980991	WS04 0.40-0.50	09-Dec-19	0.53	<0.09	0.16	<0.09	0.26	0.43	<3.06	<5.55	<5.55	<5.55	<5.55	<5.55	<5.55	<5.55		
1980992	HP7 0.50-0.60	09-Dec-19	1.90	<0.10	0.90	<0.10	0.62	1.57	<11.79	<6.17	<6.17	<6.17	<6.17	<6.17	<6.17	<6.17		
1980993	HP1 0.30-0.50	10-Dec-19	0.37	<0.09	0.24	<0.09	0.19	0.34	<3.25	<5.66	<5.66	<5.66	<5.66	<5.66	<5.66	<5.66		
1980994	HP2 0.40-0.50	10-Dec-19	1.03	<0.10	0.40	<0.10	0.38	0.88	<6.45	<6.19	<6.19	<6.19	<6.19	<6.19	<6.19	<6.19		
1980995	HP3 0.00-0.10	10-Dec-19	0.64	<0.11	0.62	<0.11	0.28	0.58	<6.69	<6.70	<6.70	<6.70	<6.70	<6.70	<6.70	<6.70		
1980996	HP4 0.40-0.60	10-Dec-19	1.39	0.15	0.31	<0.10	1.26	1.11	<8.03	<6.45	<6.45	<6.45	<6.45	<6.45	<6.45	<6.45		
1980997	WS01 0.10 (NVM)	09-Dec-19	49.95§	2.825§	10.19§	0.081§	41.27§	38.95§	239§								0.515§	1.968§
1980998	HP5 0.40-0.60	10-Dec-19	10.61	0.14	3.11	0.11	3.40	8.41	54.1	<6.32	<6.32	<6.32	<6.32	<6.32	<6.32	<6.32		
1980999	HP6 0.30-0.50	10-Dec-19	19.5	0.45	6.73	0.14	7.84	16.8	108.8	<6.22	<6.22	<6.22	<6.22	<6.22	<6.22	<6.22		
1981000	HP6 0.70-0.90	10-Dec-19	13.9	0.23	4.96	0.11	4.24	11.96	76.9									

SOCOTEC

Bretby Business Park, Ashby Road

Burton-on-Trent, Staffordshire, DE15 0YZ

Tel +44 (0) 1283 554400

Fax +44 (0) 1283 554422

Client Name SOCOTEC UK Maidstone

Contact Mark Hurcomb

R9203 Maitland Park Villas - Aspen House

Sample Analysis

Date Printed	**21-Jan-2020**
Report Number	**EFS/204218M**
Table Number	**1**

Where individual results are flagged see report notes for status.
Results corrected to dry weight at 105°C where appropriate, in accordance with the MCERTS standard.

Units :			mg/kg	mg/kg	mg/kg	pH Units	mg/kg	mg/kg		%	%	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Method Codes :			PHEHPLC	PHEHPLC	PHEHPLC	PHSOIL	SFAPI	SFAPI	Sub020	Sub020	TMSS	TPHFIDUS	TPHFIDUS	TPHFIDUS	TPHFIDUS	TPHFIDUS	TPHFIDUS	TPHFIDUS
Method Reporting Limits :				0.3	0.3		0.5	0.5		0.001	0.1	2	10	2	2	4.38	2	10
Accreditation Code:			U	U	U	UM	UM	U	U	U	U	U	U	U	U	U	U	UM
LAB ID Number CL/	**Client Sample Description**	**Sample Date**	**Total Phenols**	**Trimethylphenols**	**Xylenols**	**pH units (AR)**	**Cyanide(Free) (AR)**	**Phenol Index.(AR)**	**^Asbestos ID (Stage 1)**	**^Asbestos ID and Quant (1 to 3)**	**Tot.Moisture @ 105C**	**TPH Band (>C10-C12)**	**TPH Band (>C10-C40)**	**TPH Band (>C12-C16)**	**TPH Band (>C16-C21)**	**TPH Band (>C21-C35)**	**TPH Band (>C8-C10)**	**TPH by GCFID (AR)**
1980988	WS01 0.30-0.60	09-Dec-19				11	<0.6	<0.6	NADIS		12.9	<2.30	503	21.6	81.6	347	<2.30	503
1980989	WS02 0.30-0.60	09-Dec-19				9.7	<0.6	<0.6	NADIS		20.0	<2.50	198	5.05	18.5	148	<2.50	198
1980990	WS03 1.00-1.20	09-Dec-19				8.4	<0.7	<0.7	NADIS		23.8	<2.62		<2.62	<2.62	15.6	<2.62	23.5
1980991	WS04 0.40-0.50	09-Dec-19				8.4	<0.6	<0.6	NADIS		9.9	<2.22	44.6	<2.22	4.14	31.7	<2.22	44.7
1980992	HP7 0.50-0.60	09-Dec-19				8.3	<0.6	<0.6	NADIS		19.0	<2.47	140	3.04	10.75	103.1	<2.47	140
1980993	HP1 0.30-0.50	10-Dec-19				8.6	<0.6	<0.6	NADIS		11.7	<2.27	48.6	<2.27	4.26	35.3	<2.27	48.7
1980994	HP2 0.40-0.50	10-Dec-19				9.5	<0.6	<0.6	NADIS		19.2	<2.48	103.6	3.74	10.90	71.8	<2.48	104.5
1980995	HP3 0.00-0.10	10-Dec-19				8.4	<0.7	<0.7	NADIS		25.4	<2.68	350	3.73	16.1	276	<2.68	350
1980996	HP4 0.40-0.60	10-Dec-19				10.5	<0.6	<0.6	NADIS		22.5	<2.58	87.4	3.73	12.68	61.8	<2.58	87.4
1980997	WS01 0.10 (NVM)	09-Dec-19	6.640§	0.555§	3.602§						0.9 §							
1980998	HP5 0.40-0.60	10-Dec-19				8.8	<0.6	<0.6	AM, CH	0.005	20.9	<2.53	298	4.92	28.3	220	<2.53	298
1980999	HP6 0.30-0.50	10-Dec-19				8.6	<0.6	<0.6	NADIS		19.6	<2.49	547	10.07	68.3	410	<2.49	547
1981000	HP6 0.70-0.90	10-Dec-19				8.5	<0.6	<0.6	NADIS		17.2	<2.42		7.36	45.4	304	<2.42	397

SOCOTEC

Bretby Business Park, Ashby Road

Burton-on-Trent, Staffordshire, DE15 0YZ

Tel +44 (0) 1283 554400

Fax +44 (0) 1283 554422

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Contact Mark Hurcomb

R9203 Maitland Park Villas - Aspen House

Sample Analysis

Date Printed	**21-Jan-2020**
Report Number	**EFS/204218M**
Table Number	**1**

Where individual results are flagged see report notes for status.
Results corrected to dry weight at 105°C where appropriate, in accordance with the MCERTS standard.

		Units :	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
		Method Codes :	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS
		Method Reporting Limits :	1	1	1	1	1	1	1	3	1	3	1	1	1	1	1	1
		Accreditation Code:	UM	UM	N	UM	UM	U	UM	UM	UM	N	UM	N	UM	UM	UM	UM
LAB ID Number CL/	Client Sample Description	Sample Date	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane
1980988	WS01 0.30-0.60	09-Dec-19	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<3.4	<1.1	<3.4	<1.1*	<1.1	<1.1	<1.1	<1.1	<1.1
1980989	WS02 0.30-0.60	09-Dec-19	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<3.8	<1.3	<3.8	<1.3*	<1.3	<1.3	<1.3	<1.3	<1.3
1980990	WS03 1.00-1.20	09-Dec-19	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<3.9	<1.3	<3.9	<1.3*	<1.3	<1.3	<1.3	<1.3	<1.3
1980991	WS04 0.40-0.50	09-Dec-19	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<3.3	<1.1	<3.3	<1.1*	<1.1	<1.1	<1.1	<1.1	<1.1
1980992	HP7 0.50-0.60	09-Dec-19	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<3.7	<1.2	<3.7	<1.2*	<1.2	<1.2	<1.2	<1.2	<1.2
1980993	HP1 0.30-0.50	10-Dec-19	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<3.4	<1.1	<3.4	<1.1*	<1.1	<1.1	<1.1	<1.1	<1.1
1980994	HP2 0.40-0.50	10-Dec-19	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<3.7	<1.2	<3.7	<1.2*	<1.2	<1.2	<1.2	<1.2	<1.2
1980995	HP3 0.00-0.10	10-Dec-19	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<4.0	<1.3	<4.0	<1.3*	<1.3	<1.3	<1.3	<1.3	<1.3
1980996	HP4 0.40-0.60	10-Dec-19	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<3.9	<1.3	<3.9	<1.3*	<1.3	<1.3	<1.3	<1.3	<1.3
1980997	WS01 0.10 (NVM)	09-Dec-19																
1980998	HP5 0.40-0.60	10-Dec-19	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<3.8	<1.3	<3.8	<1.3*	<1.3	<1.3	<1.3	<1.3	<1.3
1980999	HP6 0.30-0.50	10-Dec-19	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<3.7	<1.2	<3.7	<1.2*	<1.2	<1.2	<1.2	<1.2	<1.2
1981000	HP6 0.70-0.90	10-Dec-19	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<3.6	<1.2	<3.6	<1.2*	<1.2	<1.2	<1.2	<1.2	<1.2

SOCOTEC

Bretby Business Park, Ashby Road

Burton-on-Trent, Staffordshire, DE15 0YZ

Tel +44 (0) 1283 554400

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R9203 Maitland Park Villas - Aspen House

Sample Analysis

Date Printed	**21-Jan-2020**
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Table Number	**1**

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Units :			µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Method Codes :			VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS
Method Reporting Limits :			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
Accreditation Code:			UM	UM	UM	UM	UM	UM	UM	UM	UM	UM	UM	UM	UM	UM	UM	UM	UM
LAB ID Number CL/	**Client Sample Description**	**Sample Date**	**1,3,5-Trimethylbenzene**	**1,3-Dichlorobenzene**	**1,3-Dichloropropane**	**1,4-Dichlorobenzene**	**2,2-Dichloropropane**	**2-Chlorotoluene**	**4-Chlorotoluene**	**Benzene**	**Bromobenzene**	**Bromochloromethane**	**Bromodichloromethane**	**Bromoform**	**Bromomethane**	**Carbon Tetrachloride**	**Chlorobenzene**	**Chloroethane**
1980988	WS01 0.30-0.60	09-Dec-19	<1.1	<1.1	<1.1	<1.1*	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	2.3	<1.1	<1.1	<1.1	<2.3
1980989	WS02 0.30-0.60	09-Dec-19	<1.3	<1.3	<1.3	<1.3*	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<2.5
1980990	WS03 1.00-1.20	09-Dec-19	<1.3	<1.3	<1.3	<1.3*	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<2.6
1980991	WS04 0.40-0.50	09-Dec-19	<1.1	<1.1	<1.1	<1.1*	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.2
1980992	HP7 0.50-0.60	09-Dec-19	<1.2	<1.2	<1.2	<1.2*	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<2.5
1980993	HP1 0.30-0.50	10-Dec-19	<1.1	<1.1	<1.1	<1.1*	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<2.3
1980994	HP2 0.40-0.50	10-Dec-19	<1.2	<1.2	<1.2	<1.2*	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<2.5
1980995	HP3 0.00-0.10	10-Dec-19	<1.3	<1.3	<1.3	<1.3*	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<2.7
1980996	HP4 0.40-0.60	10-Dec-19	<1.3	<1.3	<1.3	<1.3*	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<2.6
1980997	WS01 0.10 (NVM)	09-Dec-19																
1980998	HP5 0.40-0.60	10-Dec-19	<1.3	<1.3	<1.3	<1.3*	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<2.5
1980999	HP6 0.30-0.50	10-Dec-19	<1.2	<1.2	<1.2	<1.2*	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<2.5
1981000	HP6 0.70-0.90	10-Dec-19	<1.2	<1.2	<1.2	<1.2*	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<2.4

SOCOTEC

Bretby Business Park, Ashby Road

Burton-on-Trent, Staffordshire, DE15 0YZ

Tel +44 (0) 1283 554400

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R9203 Maitland Park Villas - Aspen House

Sample Analysis

Date Printed	**21-Jan-2020**
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Table Number	**1**

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Method Codes :			VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS
Method Reporting Limits :			1	3	5	1	1	1	1	2	2	1	4	1	5	1	2	1	
Accreditation Code:			UM	U	UM	UM	UM	UM	N	UM	N	UM	UM	UM	UM	U	UM	UM	
LAB ID Number CL/	**Client Sample Description**	**Sample Date**	**Chloroform**	**Chloromethane**	**cis 1,2-Dichloroethene**	**cis 1,3-Dichloropropene**	**Dibromochloromethane**	**Dibromomethane**	**Dichlorodifluoromethane**	**Ethylbenzene**	**Hexachlorobutadiene**	**iso-Propylbenzene**	**m and p-Xylene**	**MTBE**	**Naphthalene**	**n-Butylbenzene**	**o-Xylene**	**p-Isopropyltoluene**	
1980988	WS01 0.30-0.60	09-Dec-19	<1.1	<3.4	<5.7	<1.1	<1.1	<1.1	<1.1	<2.3	<2.3	<1.1	<4.6	<1.1	41.3	<1.1*	<2.3	<1.1	
1980989	WS02 0.30-0.60	09-Dec-19	<1.3	<3.8	17.5	<1.3	<1.3	<1.3	<1.3	<2.5	<2.5	<1.3	<5.0	<1.3	<6.3	<1.3*	<2.5	<1.3	
1980990	WS03 1.00-1.20	09-Dec-19	<1.3	<3.9	<6.6	<1.3	<1.3	<1.3	<1.3	<2.6	<2.6	<1.3	<5.2	<1.3	<6.6	<1.3*	<2.6	<1.3	
1980991	WS04 0.40-0.50	09-Dec-19	<1.1	<3.3	<5.5	<1.1	<1.1	<1.1	<1.1	<2.2	<2.2	<1.1	<4.4	<1.1	<5.5	<1.1*	<2.2	<1.1	
1980992	HP7 0.50-0.60	09-Dec-19	<1.2	<3.7	6.2	<1.2	<1.2	<1.2	<1.2	<2.5	<2.5	<1.2	<4.9	<1.2	<6.2	<1.2*	<2.5	<1.2	
1980993	HP1 0.30-0.50	10-Dec-19	<1.1	<3.4	<5.7	<1.1	<1.1	<1.1	<1.1	<2.3	<2.3	<1.1	<4.5	<1.1	<5.7	<1.1*	<2.3	<1.1	
1980994	HP2 0.40-0.50	10-Dec-19	<1.2	<3.7	<6.2	<1.2	<1.2	<1.2	<1.2	<2.5	<2.5	<1.2	<5.0	<1.2	<6.2	<1.2*	<2.5	<1.2	
1980995	HP3 0.00-0.10	10-Dec-19	<1.3	<4.0	<6.7	<1.3	<1.3	<1.3	<1.3	<2.7	<2.7	<1.3	<5.4	<1.3	<6.7	<1.3*	<2.7	<1.3	
1980996	HP4 0.40-0.60	10-Dec-19	<1.3	<3.9	<6.5	<1.3	<1.3	<1.3	<1.3	<2.6	<2.6	<1.3	<5.2	<1.3	<6.5	<1.3*	<2.6	<1.3	
1980997	WS01 0.10 (NVM)	09-Dec-19																	
1980998	HP5 0.40-0.60	10-Dec-19	<1.3	<3.8	12.6	<1.3	<1.3	<1.3	<1.3	<2.5	<2.5	<1.3	<5.1	<1.3	<6.3	<1.3*	<2.5	<1.3	
1980999	HP6 0.30-0.50	10-Dec-19	<1.2	<3.7	<6.2	<1.2	<1.2	<1.2	<1.2	<2.5	<2.5	<1.2	<5.0	<1.2	<6.2	<1.2*	<2.5	<1.2	
1981000	HP6 0.70-0.90	10-Dec-19	<1.2	<3.6	13.3	<1.2	<1.2	<1.2	<1.2	<2.4	<2.4	<1.2	<4.8	<1.2	<6.0	<1.2*	<2.4	<1.2	

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		Units :	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	% M/M				
		Method Codes :	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	VOCHSAS	WSLM59				
		Method Reporting Limits :	1	1	1	1	3	5	1	1	1	1	1	0.02				
		Accreditation Code:	UM	UM	UM	UM	UM	UM	UM	UM	UM	UM	UM	N				
LAB ID Number CL/	**Client Sample Description**	**Sample Date**	**Propylbenzene**	**sec-Butylbenzene**	**Styrene**	**tert-Butylbenzene**	**Tetrachloroethene**	**Toluene**	**trans 1,2-Dichloroethene**	**trans 1,3-Dichloropropene**	**Trichloroethene**	**Trichlorofluoromethane**	**Vinyl Chloride**	**Total Organic Carbon**				
1980988	WS01 0.30-0.60	**09-Dec-19**	<1.1	<1.1	<1.1	<1.1	<3.4	<5.7	<1.1	<1.1	4.6	<1.1	<1.1*	0.80				
1980989	WS02 0.30-0.60	**09-Dec-19**	<1.3	<1.3	<1.3	<1.3	<3.8	<6.3	<1.3	<1.3	30.0	<1.3	<1.3*	2.83				
1980990	WS03 1.00-1.20	**09-Dec-19**	<1.3	<1.3	<1.3	<1.3	<3.9	<6.6	<1.3	<1.3	2.6	<1.3	<1.3*					
1980991	WS04 0.40-0.50	**09-Dec-19**	<1.1	<1.1	<1.1	<1.1	<3.3	<5.5	<1.1	<1.1	2.2	<1.1	<1.1*	0.27				
1980992	HP7 0.50-0.60	**09-Dec-19**	<1.2	<1.2	<1.2	<1.2	<3.7	<6.2	<1.2	<1.2	17.3	<1.2	<1.2*	1.18				
1980993	HP1 0.30-0.50	**10-Dec-19**	<1.1	<1.1	<1.1	<1.1	<3.4	<5.7	<1.1	<1.1	4.5	<1.1	<1.1*	0.26				
1980994	HP2 0.40-0.50	**10-Dec-19**	<1.2	<1.2	<1.2	<1.2	<3.7	<6.2	<1.2	<1.2	5.0	<1.2	<1.2*	0.40				
1980995	HP3 0.00-0.10	**10-Dec-19**	<1.3	<1.3	<1.3	<1.3	29.5	<6.7	<1.3	<1.3	4.0	<1.3	<1.3*	1.92				
1980996	HP4 0.40-0.60	**10-Dec-19**	<1.3	<1.3	<1.3	<1.3	10.3	<6.5	<1.3	<1.3	2.6	<1.3	<1.3*	0.76				
1980997	WS01 0.10 (NVM)	**09-Dec-19**																
1980998	HP5 0.40-0.60	**10-Dec-19**	<1.3	<1.3	<1.3	<1.3	8.8	<6.3	<1.3	<1.3	24.0	<1.3	<1.3*	1.18				
1980999	HP6 0.30-0.50	**10-Dec-19**	<1.2	<1.2	<1.2	<1.2	5.0	<6.2	<1.2	<1.2	1.2	<1.2	<1.2*	1.92				
1981000	HP6 0.70-0.90	**10-Dec-19**	<1.2	<1.2	<1.2	<1.2	<3.6	<6.0	<1.2	<1.2	24.2	<1.2	<1.2*					

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WASTE ACCEPTANCE CRITERIA TESTING
BSEN 12457/2

Client	SOCOTEC UK Maidstone				**Leaching Data**	
					Weight of sample (kg)	0.100
Contact	Mark Hurcomb				Moisture content @ 105°C (% of Wet Weight)	12.9
					Equivalent Weight based on drying at 105°C (kg)	0.090
Site	R9203 Maitland Park Villias - Aspen House				Volume of water required to carry out 10:1 stage (litres)	0.890
					Fraction of sample above 4 mm %	30.200
Sample Description		**Report No**	**Sample No**	**Issue Date**	Fraction of non-crushable material %	0.000
WS01 0.30-0.60		s20_4218M	CL/1980988	21-Dec-19		

Note: The >4mm fraction is crushed using a disc mill

Accreditation	Method Code	Solid Waste Analysis (Dry Basis)	Concentration in Solid (Dry Weight Basis)	Landfill Waste Acceptance Criteria Limit Values		
				Inert Waste Landfill	Stable Non-reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill
U	WSLM59	Total Organic Carbon (% M/M)	0.8	3	5	6
N	LOI450	Loss on Ignition (%)	2.5			10
U	BTEXHSA	Sum of BTEX (mg/kg)	<0.069	6		
U	PCBUSECD	Sum of 7 Congener PCB's (mg/kg)	<0.042	1		
U	TPHFIDUS	Mineral Oil (mg/kg)	503	500		
N	PAHMSUS	PAH Sum of 17 (mg/kg)	<47.74	100		
U	PHSOIL	pH (pH units)	11		>6	
N	ANC	Acid Neutralisation Capacity (mol/kg) @pH 7	1.23		To be evaluated	To be evaluated

Accreditation	Method Code	Leachate Analysis	10:1 Single Stage Leachate	Calculated cumulative amount leached @ 10:1	Landfill Waste Acceptance Criteria Limit Values for BSEN 12457/2 @ L/S 10 litre kg-1		
			mg/l except oo	mg/kg (dry weight)	mg/kg (dry weight)		
U	WSLM3	pH (pH units) oo	11.7	Calculated data not UKAS Accredited			
U	WSLM2	Conductivity (µs/cm) oo	1150				
U	ICPMSW	Arsenic	0.003	0.03	0.5	2	25
U	ICPWATVAR	Barium	0.03	0.3	20	100	300
U	ICPMSW	Cadmium	<0.00002	<0.0002	0.04	1	5
U	ICPMSW	Chromium	0.042	0.42	0.5	10	70
U	ICPMSW	Copper	0.008	0.08	2	50	100
U	ICPMSW	Mercury	<0.00003	<0.0003	0.01	0.2	2
U	ICPMSW	Molybdenum	0.018	0.18	0.5	10	30
U	ICPMSW	Nickel	<0.001	<0.01	0.4	10	40
U	ICPMSW	Lead	<0.001	<0.01	0.5	10	50
U	ICPMSW	Antimony	0.004	0.04	0.06	0.7	5
U	ICPMSW	Selenium	0.002	0.02	0.1	0.5	7
U	ICPMSW	Zinc	0.003	0.03	4	50	200
U	KONENS	Chloride	56	560	800	15000	25000
U	ISEF	Fluoride	0.2	2	10	150	500
U	ICPWATVAR	Sulphate as SO4	102	1020	1000	20000	50000
N	WSLM27	Total Dissolved Solids	896	8960	4000	60000	100000
U	SFAPI	Phenol Index	<0.05	<0.5	1		
N	WSLM13	Dissolved Organic Carbon	2.7	27	500	800	1000

Template Ver. 1

Landfill Waste Acceptance Criteria limit values correct as of 11th March 2009.

Tests where the accreditation is set to U are UKAS accredited, those where the accreditation is set to N are not UKAS accredited

Where individual results are flagged see report notes for status.
Results corrected to dry weight at 105°C where appropriate, in accordance with the MCERTS standard.

WASTE ACCEPTANCE CRITERIA TESTING
BSEN 12457/2

Client	SOCOTEC UK Maidstone				**Leaching Data**	
					Weight of sample (kg)	0.114
Contact	Mark Hurcomb				Moisture content @ 105°C (% of Wet Weight)	20.0
					Equivalent Weight based on drying at 105°C (kg)	0.090
Site	R9203 Maitland Park Villias - Aspen House				Volume of water required to carry out 10:1 stage (litres)	0.876
					Fraction of sample above 4 mm %	90.100
Sample Description		**Report No**	**Sample No**	**Issue Date**	Fraction of non-crushable material %	0.000
WS02 0.30-0.60		s20_4218M	CL/1980989	21-Dec-19		

Note: The >4mm fraction is crushed using a disc mill

Accreditation	Method Code	Solid Waste Analysis (Dry Basis)	Concentration in Solid (Dry Weight Basis)	Landfill Waste Acceptance Criteria Limit Values		
				Inert Waste Landfill	Stable Non-reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill
U	WSLM59	Total Organic Carbon (% M/M)	2.83	3	5	6
N	LOI450	Loss on Ignition (%)	5.6			10
U	BTEXHSA	Sum of BTEX (mg/kg)	<0.075	6		
U	PCBUSECD	Sum of 7 Congener PCB's (mg/kg)	<0.042	1		
U	TPHFIDUS	Mineral Oil (mg/kg)	198	500		
N	PAHMSUS	PAH Sum of 17 (mg/kg)	<8.15	100		
U	PHSOIL	pH (pH units)	9.7		>6	
N	ANC	Acid Neutralisation Capacity (mol/kg) @pH 7	1.1		To be evaluated	To be evaluated

Accreditation	Method Code	Leachate Analysis	10:1 Single Stage Leachate	Calculated cumulative amount leached @ 10:1	Landfill Waste Acceptance Criteria Limit Values for BSEN 12457/2 @ L/S 10 litre kg-1		
			mg/l except oo	mg/kg (dry weight)	mg/kg (dry weight)		
U	WSLM3	pH (pH units) oo	8.2	Calculated data not UKAS Accredited			
U	WSLM2	Conductivity (µs/cm) oo	133				
U	ICPMSW	Arsenic	0.01	0.1	0.5	2	25
U	ICPWATVAR	Barium	<0.01	<0.1	20	100	300
U	ICPMSW	Cadmium	<0.00002	<0.0002	0.04	1	5
U	ICPMSW	Chromium	0.003	0.03	0.5	10	70
U	ICPMSW	Copper	0.013	0.13	2	50	100
U	ICPMSW	Mercury	0.00007	0.0007	0.01	0.2	2
U	ICPMSW	Molybdenum	0.008	0.08	0.5	10	30
U	ICPMSW	Nickel	0.001	0.01	0.4	10	40
U	ICPMSW	Lead	<0.001	<0.01	0.5	10	50
U	ICPMSW	Antimony	0.003	0.03	0.06	0.7	5
U	ICPMSW	Selenium	0.003	0.03	0.1	0.5	7
U	ICPMSW	Zinc	0.006	0.06	4	50	200
U	KONENS	Chloride	4	40	800	15000	25000
U	ISEF	Fluoride	1.2	12	10	150	500
U	ICPWATVAR	Sulphate as SO4	12	120	1000	20000	50000
N	WSLM27	Total Dissolved Solids	104	1040	4000	60000	100000
U	SFAPI	Phenol Index	<0.05	<0.5	1		
N	WSLM13	Dissolved Organic Carbon	10	100	500	800	1000

Template Ver. 1

Landfill Waste Acceptance Criteria limit values correct as of 11th March 2009.

Tests where the accreditation is set to U are UKAS accredited, those where the accreditation is set to N are not UKAS accredited

Where individual results are flagged see report notes for status.
Results corrected to dry weight at 105°C where appropriate, in accordance with the MCERTS standard.

WASTE ACCEPTANCE CRITERIA TESTING
BSEN 12457/2

Client	SOCOTEC UK Maidstone				**Leaching Data**	
					Weight of sample (kg)	0.117
Contact	Mark Hurcomb				Moisture content @ 105°C (% of Wet Weight)	9.9
					Equivalent Weight based on drying at 105°C (kg)	0.090
Site	R9203 Maitland Park Villias - Aspen House				Volume of water required to carry out 10:1 stage (litres)	0.873
					Fraction of sample above 4 mm %	20.600
Sample Description		**Report No**	**Sample No**	**Issue Date**	Fraction of non-crushable material %	0.000
WS04 0.40-0.50		s20_4218M	CL/1980991	21-Dec-19		

Note: The >4mm fraction is crushed using a disc mill

Accreditation	Method Code	Solid Waste Analysis (Dry Basis)	Concentration in Solid (Dry Weight Basis)	Landfill Waste Acceptance Criteria Limit Values		
				Inert Waste Landfill	Stable Non-reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill
U	WSLM59	Total Organic Carbon (% M/M)	0.27	3	5	6
N	LOI450	Loss on Ignition (%)	1.6			10
U	BTEXHSA	Sum of BTEX (mg/kg)	<0.0666	6		
U	PCBUSECD	Sum of 7 Congener PCB's (mg/kg)	<0.042	1		
U	TPHFIDUS	Mineral Oil (mg/kg)	44.6	500		
N	PAHMSUS	PAH Sum of 17 (mg/kg)	<3.15	100		
U	PHSOIL	pH (pH units)	8.4		>6	
N	ANC	Acid Neutralisation Capacity (mol/kg) @pH 7	0.47		To be evaluated	To be evaluated

Accreditation	Method Code	Leachate Analysis	10:1 Single Stage Leachate	Calculated cumulative amount leached @ 10:1	Landfill Waste Acceptance Criteria Limit Values for BSEN 12457/2 @ L/S 10 litre kg-1		
			mg/l except °°	mg/kg (dry weight)	mg/kg (dry weight)		
U	WSLM3	pH (pH units) °°	7.6	Calculated data not UKAS Accredited			
U	WSLM2	Conductivity (µs/cm) °°	181				
U	ICPMSW	Arsenic	0.002	0.02	0.5	2	25
U	ICPWATVAR	Barium	0.01	0.1	20	100	300
U	ICPMSW	Cadmium	0.00002	0.0002	0.04	1	5
U	ICPMSW	Chromium	<0.001	<0.01	0.5	10	70
U	ICPMSW	Copper	0.001	0.01	2	50	100
U	ICPMSW	Mercury	<0.00003	<0.0003	0.01	0.2	2
U	ICPMSW	Molybdenum	0.003	0.03	0.5	10	30
U	ICPMSW	Nickel	<0.001	<0.01	0.4	10	40
U	ICPMSW	Lead	<0.001	<0.01	0.5	10	50
U	ICPMSW	Antimony	0.001	0.01	0.06	0.7	5
U	ICPMSW	Selenium	<0.001	<0.01	0.1	0.5	7
U	ICPMSW	Zinc	0.002	0.02	4	50	200
U	KONENS	Chloride	<1	<10	800	15000	25000
U	ISEF	Fluoride	0.5	5	10	150	500
U	ICPWATVAR	Sulphate as SO4	27	270	1000	20000	50000
N	WSLM27	Total Dissolved Solids	141	1410	4000	60000	100000
U	SFAPI	Phenol Index	<0.05	<0.5	1		
N	WSLM13	Dissolved Organic Carbon	2	20	500	800	1000

Template Ver. 1

Landfill Waste Acceptance Criteria limit values correct as of 11th March 2009.

Tests where the accreditation is set to U are UKAS accredited, those where the accreditation is set to N are not UKAS accredited

Where individual results are flagged see report notes for status.
Results corrected to dry weight at 105°C where appropriate, in accordance with the MCERTS standard.

WASTE ACCEPTANCE CRITERIA TESTING
BSEN 12457/2

Client	SOCOTEC UK Maidstone				**Leaching Data**	
					Weight of sample (kg)	0.107
Contact	Mark Hurcomb				Moisture content @ 105°C (% of Wet Weight)	19.0
					Equivalent Weight based on drying at 105°C (kg)	0.090
Site	R9203 Maitland Park Villias - Aspen House				Volume of water required to carry out 10:1 stage (litres)	0.883
					Fraction of sample above 4 mm %	25.500
Sample Description		**Report No**	**Sample No**	**Issue Date**	Fraction of non-crushable material %	0.000
HP7 0.50-0.60		s20_4218M	CL/1980992	21-Dec-19		

Note: The >4mm fraction is crushed using a disc mill

Accreditation	Method Code	Solid Waste Analysis (Dry Basis)	Concentration in Solid (Dry Weight Basis)	Landfill Waste Acceptance Criteria Limit Values		
				Inert Waste Landfill	Stable Non-reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill
U	WSLM59	Total Organic Carbon (% M/M)	1.18	3	5	6
N	LOI450	Loss on Ignition (%)	3.5			10
U	BTEXHSA	Sum of BTEX (mg/kg)	<0.0739	6		
U	PCBUSECD	Sum of 7 Congener PCB's (mg/kg)	<0.042	1		
U	TPHFIDUS	Mineral Oil (mg/kg)	140	500		
N	PAHMSUS	PAH Sum of 17 (mg/kg)	<11.99	100		
U	PHSOIL	pH (pH units)	8.3		>6	
N	ANC	Acid Neutralisation Capacity (mol/kg) @pH 7	0.25		To be evaluated	To be evaluated

Accreditation	Method Code	Leachate Analysis	10:1 Single Stage Leachate	Calculated cumulative amount leached @ 10:1	Landfill Waste Acceptance Criteria Limit Values for BSEN 12457/2 @ L/S 10 litre kg-1		
			mg/l except oo	mg/kg (dry weight)	mg/kg (dry weight)		
U	WSLM3	pH (pH units) oo	8.3	Calculated data not UKAS Accredited			
U	WSLM2	Conductivity (µs/cm) oo	230				
U	ICPMSW	Arsenic	0.028	0.28	0.5	2	25
U	ICPWATVAR	Barium	0.01	0.1	20	100	300
U	ICPMSW	Cadmium	<0.00002	<0.0002	0.04	1	5
U	ICPMSW	Chromium	0.008	0.08	0.5	10	70
U	ICPMSW	Copper	0.005	0.05	2	50	100
U	ICPMSW	Mercury	<0.00003	<0.0003	0.01	0.2	2
U	ICPMSW	Molybdenum	0.005	0.05	0.5	10	30
U	ICPMSW	Nickel	<0.001	<0.01	0.4	10	40
U	ICPMSW	Lead	<0.001	<0.01	0.5	10	50
U	ICPMSW	Antimony	0.01	0.1	0.06	0.7	5
U	ICPMSW	Selenium	<0.001	<0.01	0.1	0.5	7
U	ICPMSW	Zinc	0.003	0.03	4	50	200
U	KONENS	Chloride	10	100	800	15000	25000
U	ISEF	Fluoride	0.9	9	10	150	500
U	ICPWATVAR	Sulphate as SO4	31	310	1000	20000	50000
N	WSLM27	Total Dissolved Solids	179	1790	4000	60000	100000
U	SFAPI	Phenol Index	<0.05	<0.5	1		
N	WSLM13	Dissolved Organic Carbon	3.6	36	500	800	1000

Template Ver. 1

Landfill Waste Acceptance Criteria limit values correct as of 11th March 2009.

Tests where the accreditation is set to U are UKAS accredited, those where the accreditation is set to N are not UKAS accredited

Where individual results are flagged see report notes for status.
Results corrected to dry weight at 105°C where appropriate, in accordance with the MCERTS standard.

WASTE ACCEPTANCE CRITERIA TESTING
BSEN 12457/2

Client	SOCOTEC UK Maidstone				**Leaching Data**	
					Weight of sample (kg)	0.114
Contact	Mark Hurcomb				Moisture content @ 105°C (% of Wet Weight)	11.7
					Equivalent Weight based on drying at 105°C (kg)	0.090
Site	R9203 Maitland Park Villias - Aspen House				Volume of water required to carry out 10:1 stage (litres)	0.876
					Fraction of sample above 4 mm %	21.600
Sample Description		**Report No**	**Sample No**	**Issue Date**	Fraction of non-crushable material %	0.000
HP1 0.30-0.50		s20_4218M	CL/1980993	21-Dec-19		

Note: The >4mm fraction is crushed using a disc mill

Accreditation	Method Code	Solid Waste Analysis (Dry Basis)	Concentration in Solid (Dry Weight Basis)	Landfill Waste Acceptance Criteria Limit Values		
				Inert Waste Landfill	Stable Non-reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill
U	WSLM59	Total Organic Carbon (% M/M)	0.26	3	5	6
N	LOI450	Loss on Ignition (%)	1.5			10
U	BTEXHSA	Sum of BTEX (mg/kg)	<0.0679	6		
U	PCBUSECD	Sum of 7 Congener PCB's (mg/kg)	<0.042	1		
U	TPHFIDUS	Mineral Oil (mg/kg)	48.6	500		
N	PAHMSUS	PAH Sum of 17 (mg/kg)	<3.34	100		
U	PHSOIL	pH (pH units)	8.6		>6	
N	ANC	Acid Neutralisation Capacity (mol/kg) @pH 7	0.24		To be evaluated	To be evaluated

Accreditation	Method Code	Leachate Analysis	10:1 Single Stage Leachate	Calculated cumulative amount leached @ 10:1	Landfill Waste Acceptance Criteria Limit Values for BSEN 12457/2 @ L/S 10 litre kg-1		
			mg/l except oo	mg/kg (dry weight)	mg/kg (dry weight)		
U	WSLM3	pH (pH units) oo	8.2	Calculated data not UKAS Accredited			
U	WSLM2	Conductivity (µs/cm) oo	187				
U	ICPMSW	Arsenic	0.007	0.07	0.5	2	25
U	ICPWATVAR	Barium	<0.01	<0.1	20	100	300
U	ICPMSW	Cadmium	<0.00002	<0.0002	0.04	1	5
U	ICPMSW	Chromium	0.006	0.06	0.5	10	70
U	ICPMSW	Copper	0.001	0.01	2	50	100
U	ICPMSW	Mercury	<0.00003	<0.0003	0.01	0.2	2
U	ICPMSW	Molybdenum	0.009	0.09	0.5	10	30
U	ICPMSW	Nickel	<0.001	<0.01	0.4	10	40
U	ICPMSW	Lead	<0.001	<0.01	0.5	10	50
U	ICPMSW	Antimony	0.01	0.1	0.06	0.7	5
U	ICPMSW	Selenium	<0.001	<0.01	0.1	0.5	7
U	ICPMSW	Zinc	0.002	0.02	4	50	200
U	KONENS	Chloride	7	70	800	15000	25000
U	ISEF	Fluoride	0.3	3	10	150	500
U	ICPWATVAR	Sulphate as SO4	27	270	1000	20000	50000
N	WSLM27	Total Dissolved Solids	146	1460	4000	60000	100000
U	SFAPI	Phenol Index	<0.05	<0.5	1		
N	WSLM13	Dissolved Organic Carbon	1.6	16	500	800	1000

Template Ver. 1

Landfill Waste Acceptance Criteria limit values correct as of 11th March 2009.

Tests where the accreditation is set to U are UKAS accredited, those where the accreditation is set to N are not UKAS accredited

Where individual results are flagged see report notes for status.
Results corrected to dry weight at 105°C where appropriate, in accordance with the MCERTS standard.

WASTE ACCEPTANCE CRITERIA TESTING
BSEN 12457/2

Client	SOCOTEC UK Maidstone				**Leaching Data**	
					Weight of sample (kg)	0.107
Contact	Mark Hurcomb				Moisture content @ 105°C (% of Wet Weight)	19.2
					Equivalent Weight based on drying at 105°C (kg)	0.090
Site	R9203 Maitland Park Villias - Aspen House				Volume of water required to carry out 10:1 stage (litres)	0.883
					Fraction of sample above 4 mm %	26.900
Sample Description		**Report No**	**Sample No**	**Issue Date**	Fraction of non-crushable material %	0.000
HP2 0.40-0.50		s20_4218M	CL/1980994	21-Dec-19		

Note: The >4mm fraction is crushed using a disc mill

Accreditation	Method Code	Solid Waste Analysis (Dry Basis)	Concentration in Solid (Dry Weight Basis)	Landfill Waste Acceptance Criteria Limit Values		
				Inert Waste Landfill	Stable Non-reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill
U	WSLM59	Total Organic Carbon (% M/M)	0.4	3	5	6
N	LOI450	Loss on Ignition (%)	2.5			10
U	BTEXHSA	Sum of BTEX (mg/kg)	<0.0744	6		
U	PCBUSECD	Sum of 7 Congener PCB's (mg/kg)	<0.042	1		
U	TPHFIDUS	Mineral Oil (mg/kg)	103.6	500		
N	PAHMSUS	PAH Sum of 17 (mg/kg)	<6.55	100		
U	PHSOIL	pH (pH units)	9.5		>6	
N	ANC	Acid Neutralisation Capacity (mol/kg) @pH 7	3.24		To be evaluated	To be evaluated

Accreditation	Method Code	Leachate Analysis	10:1 Single Stage Leachate	Calculated cumulative amount leached @ 10:1	Landfill Waste Acceptance Criteria Limit Values for BSEN 12457/2 @ L/S 10 litre kg-1		
			mg/l except °°	mg/kg (dry weight)	mg/kg (dry weight)		
U	WSLM3	pH (pH units) °°	10.4	Calculated data not UKAS Accredited			
U	WSLM2	Conductivity (µs/cm) °°	394				
U	ICPMSW	Arsenic	0.006	0.06	0.5	2	25
U	ICPWATVAR	Barium	<0.01	<0.1	20	100	300
U	ICPMSW	Cadmium	<0.00002	<0.0002	0.04	1	5
U	ICPMSW	Chromium	0.022	0.22	0.5	10	70
U	ICPMSW	Copper	0.006	0.06	2	50	100
U	ICPMSW	Mercury	<0.00003	<0.0003	0.01	0.2	2
U	ICPMSW	Molybdenum	0.004	0.04	0.5	10	30
U	ICPMSW	Nickel	<0.001	<0.01	0.4	10	40
U	ICPMSW	Lead	<0.001	<0.01	0.5	10	50
U	ICPMSW	Antimony	0.004	0.04	0.06	0.7	5
U	ICPMSW	Selenium	<0.001	<0.01	0.1	0.5	7
U	ICPMSW	Zinc	<0.002	<0.02	4	50	200
U	KONENS	Chloride	6	60	800	15000	25000
U	ISEF	Fluoride	0.2	2	10	150	500
U	ICPWATVAR	Sulphate as SO4	129	1290	1000	20000	50000
N	WSLM27	Total Dissolved Solids	307	3070	4000	60000	100000
U	SFAPI	Phenol Index	<0.05	<0.5	1		
N	WSLM13	Dissolved Organic Carbon	2	20	500	800	1000

Template Ver. 1

Landfill Waste Acceptance Criteria limit values correct as of 11th March 2009.

Tests where the accreditation is set to U are UKAS accredited, those where the accreditation is set to N are not UKAS accredited

Where individual results are flagged see report notes for status.
Results corrected to dry weight at 105°C where appropriate, in accordance with the MCERTS standard.

WASTE ACCEPTANCE CRITERIA TESTING
BSEN 12457/2

Client	SOCOTEC UK Maidstone				**Leaching Data**	
					Weight of sample (kg)	0.125
Contact	Mark Hurcomb				Moisture content @ 105°C (% of Wet Weight)	25.4
					Equivalent Weight based on drying at 105°C (kg)	0.090
Site	R9203 Maitland Park Villias - Aspen House				Volume of water required to carry out 10:1 stage (litres)	0.865
					Fraction of sample above 4 mm %	0.000
Sample Description		**Report No**	**Sample No**	**Issue Date**	Fraction of non-crushable material %	0.000
HP3 0.00-0.10		s20_4218M	CL/1980995	21-Dec-19		

Note: The >4mm fraction is crushed using a disc mill

Accreditation	Method Code	Solid Waste Analysis (Dry Basis)	Concentration in Solid (Dry Weight Basis)	Landfill Waste Acceptance Criteria Limit Values		
				Inert Waste Landfill	Stable Non-reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill
U	WSLM59	Total Organic Carbon (% M/M)	1.92	3	5	6
N	LOI450	Loss on Ignition (%)	5.3			10
U	BTEXHSA	Sum of BTEX (mg/kg)	<0.0804	6		
U	PCBUSECD	Sum of 7 Congener PCB's (mg/kg)	<0.049	1		
U	TPHFIDUS	Mineral Oil (mg/kg)	350	500		
N	PAHMSUS	PAH Sum of 17 (mg/kg)	<6.81	100		
U	PHSOIL	pH (pH units)	8.4		>6	
N	ANC	Acid Neutralisation Capacity (mol/kg) @pH 7	1.41		To be evaluated	To be evaluated

Accreditation	Method Code	Leachate Analysis	10:1 Single Stage Leachate	Calculated cumulative amount leached @ 10:1	Landfill Waste Acceptance Criteria Limit Values for BSEN 12457/2 @ L/S 10 litre kg-1		
			mg/l except oo	mg/kg (dry weight)	mg/kg (dry weight)		
U	WSLM3	pH (pH units) oo	8.1	Calculated data not UKAS Accredited			
U	WSLM2	Conductivity (µs/cm) oo	183				
U	ICPMSW	Arsenic	0.003	0.03	0.5	2	25
U	ICPWATVAR	Barium	0.02	0.2	20	100	300
U	ICPMSW	Cadmium	<0.00002	<0.0002	0.04	1	5
U	ICPMSW	Chromium	<0.001	<0.01	0.5	10	70
U	ICPMSW	Copper	0.004	0.04	2	50	100
U	ICPMSW	Mercury	<0.00003	<0.0003	0.01	0.2	2
U	ICPMSW	Molybdenum	0.002	0.02	0.5	10	30
U	ICPMSW	Nickel	<0.001	<0.01	0.4	10	40
U	ICPMSW	Lead	<0.001	<0.01	0.5	10	50
U	ICPMSW	Antimony	0.002	0.02	0.06	0.7	5
U	ICPMSW	Selenium	<0.001	<0.01	0.1	0.5	7
U	ICPMSW	Zinc	0.004	0.04	4	50	200
U	KONENS	Chloride	1	10	800	15000	25000
U	ISEF	Fluoride	0.3	3	10	150	500
U	ICPWATVAR	Sulphate as SO4	6	60	1000	20000	50000
N	WSLM27	Total Dissolved Solids	142	1420	4000	60000	100000
U	SFAPI	Phenol Index	<0.05	<0.5	1		
N	WSLM13	Dissolved Organic Carbon	3	30	500	800	1000

Template Ver. 1

Landfill Waste Acceptance Criteria limit values correct as of 11th March 2009.

Tests where the accreditation is set to U are UKAS accredited, those where the accreditation is set to N are not UKAS accredited

Where individual results are flagged see report notes for status.
Results corrected to dry weight at 105°C where appropriate, in accordance with the MCERTS standard.

WASTE ACCEPTANCE CRITERIA TESTING
BSEN 12457/2

Client	SOCOTEC UK Maidstone				**Leaching Data**	
					Weight of sample (kg)	0.114
Contact	Mark Hurcomb				Moisture content @ 105°C (% of Wet Weight)	22.5
					Equivalent Weight based on drying at 105°C (kg)	0.090
Site	R9203 Maitland Park Villias - Aspen House				Volume of water required to carry out 10:1 stage (litres)	0.876
					Fraction of sample above 4 mm %	19.500
Sample Description		**Report No**	**Sample No**	**Issue Date**	Fraction of non-crushable material %	0.000
HP4 0.40-0.60		s20_4218M	CL/1980996	21-Dec-19		

Note: The >4mm fraction is crushed using a disc mill

Accreditation	Method Code	Solid Waste Analysis (Dry Basis)	Concentration in Solid (Dry Weight Basis)	Landfill Waste Acceptance Criteria Limit Values		
				Inert Waste Landfill	Stable Non-reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill
U	WSLM59	Total Organic Carbon (% M/M)	0.76	3	5	6
N	LOI450	Loss on Ignition (%)	3.3			10
U	BTEXHSA	Sum of BTEX (mg/kg)	<0.0774	6		
U	PCBUSECD	Sum of 7 Congener PCB's (mg/kg)	<0.042	1		
U	TPHFIDUS	Mineral Oil (mg/kg)	87.4	500		
N	PAHMSUS	PAH Sum of 17 (mg/kg)	<8.1	100		
U	PHSOIL	pH (pH units)	10.5		>6	
N	ANC	Acid Neutralisation Capacity (mol/kg) @pH 7	1.59		To be evaluated	To be evaluated

Accreditation	Method Code	Leachate Analysis	10:1 Single Stage Leachate	Calculated cumulative amount leached @ 10:1	Landfill Waste Acceptance Criteria Limit Values for BSEN 12457/2 @ L/S 10 litre kg-1		
			mg/l except oo	mg/kg (dry weight)	mg/kg (dry weight)		
U	WSLM3	pH (pH units) oo	11.3	Calculated data not UKAS Accredited			
U	WSLM2	Conductivity (µs/cm) oo	528				
U	ICPMSW	Arsenic	0.007	0.07	0.5	2	25
U	ICPWATVAR	Barium	0.01	0.1	20	100	300
U	ICPMSW	Cadmium	<0.00002	<0.0002	0.04	1	5
U	ICPMSW	Chromium	0.014	0.14	0.5	10	70
U	ICPMSW	Copper	0.012	0.12	2	50	100
U	ICPMSW	Mercury	<0.00003	<0.0003	0.01	0.2	2
U	ICPMSW	Molybdenum	0.004	0.04	0.5	10	30
U	ICPMSW	Nickel	<0.001	<0.01	0.4	10	40
U	ICPMSW	Lead	<0.001	<0.01	0.5	10	50
U	ICPMSW	Antimony	0.005	0.05	0.06	0.7	5
U	ICPMSW	Selenium	<0.001	<0.01	0.1	0.5	7
U	ICPMSW	Zinc	0.002	0.02	4	50	200
U	KONENS	Chloride	4	40	800	15000	25000
U	ISEF	Fluoride	0.3	3	10	150	500
U	ICPWATVAR	Sulphate as SO4	22	220	1000	20000	50000
N	WSLM27	Total Dissolved Solids	412	4120	4000	60000	100000
U	SFAPI	Phenol Index	<0.05	<0.5	1		
N	WSLM13	Dissolved Organic Carbon	1.9	19	500	800	1000

Template Ver. 1

Landfill Waste Acceptance Criteria limit values correct as of 11th March 2009.

Tests where the accreditation is set to U are UKAS accredited, those where the accreditation is set to N are not UKAS accredited

Where individual results are flagged see report notes for status.
Results corrected to dry weight at 105°C where appropriate, in accordance with the MCERTS standard.

WASTE ACCEPTANCE CRITERIA TESTING
BSEN 12457/2

Client	SOCOTEC UK Maidstone				**Leaching Data**	
					Weight of sample (kg)	0.110
Contact	Mark Hurcomb				Moisture content @ 105°C (% of Wet Weight)	20.9
					Equivalent Weight based on drying at 105°C (kg)	0.090
Site	R9203 Maitland Park Villias - Aspen House				Volume of water required to carry out 10:1 stage (litres)	0.880
					Fraction of sample above 4 mm %	36.800
Sample Description		**Report No**	**Sample No**	**Issue Date**	Fraction of non-crushable material %	0.000
HP5 0.40-0.60		s20_4218M	CL/1980998	21-Dec-19		

Note: The >4mm fraction is crushed using a disc mill

Accreditation	Method Code	Solid Waste Analysis (Dry Basis)	Concentration in Solid (Dry Weight Basis)	Landfill Waste Acceptance Criteria Limit Values		
				Inert Waste Landfill	Stable Non-reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill
U	WSLM59	Total Organic Carbon (% M/M)	1.18	3	5	6
N	LOI450	Loss on Ignition (%)	3.3			10
U	BTEXHSA	Sum of BTEX (mg/kg)	<0.0757	6		
U	PCBUSECD	Sum of 7 Congener PCB's (mg/kg)	<0.042	1		
U	TPHFIDUS	Mineral Oil (mg/kg)	298	500		
N	PAHMSUS	PAH Sum of 17 (mg/kg)	54.69	100		
U	PHSOIL	pH (pH units)	8.8		>6	
N	ANC	Acid Neutralisation Capacity (mol/kg) @pH 7	2.09		To be evaluated	To be evaluated

Accreditation	Method Code	Leachate Analysis	10:1 Single Stage Leachate	Calculated cumulative amount leached @ 10:1	Landfill Waste Acceptance Criteria Limit Values for BSEN 12457/2 @ L/S 10 litre kg-1		
			mg/l except oo	mg/kg (dry weight)	mg/kg (dry weight)		
U	WSLM3	pH (pH units) oo	9.4	Calculated data not UKAS Accredited			
U	WSLM2	Conductivity (µs/cm) oo	282				
U	ICPMSW	Arsenic	0.01	0.1	0.5	2	25
U	ICPWATVAR	Barium	0.02	0.2	20	100	300
U	ICPMSW	Cadmium	<0.00002	<0.0002	0.04	1	5
U	ICPMSW	Chromium	0.004	0.04	0.5	10	70
U	ICPMSW	Copper	0.006	0.06	2	50	100
U	ICPMSW	Mercury	<0.00003	<0.0003	0.01	0.2	2
U	ICPMSW	Molybdenum	0.008	0.08	0.5	10	30
U	ICPMSW	Nickel	<0.001	<0.01	0.4	10	40
U	ICPMSW	Lead	<0.001	<0.01	0.5	10	50
U	ICPMSW	Antimony	0.03	0.3	0.06	0.7	5
U	ICPMSW	Selenium	<0.001	<0.01	0.1	0.5	7
U	ICPMSW	Zinc	0.003	0.03	4	50	200
U	KONENS	Chloride	6	60	800	15000	25000
U	ISEF	Fluoride	0.4	4	10	150	500
U	ICPWATVAR	Sulphate as SO4	73	730	1000	20000	50000
N	WSLM27	Total Dissolved Solids	220	2200	4000	60000	100000
U	SFAPI	Phenol Index	<0.05	<0.5	1		
N	WSLM13	Dissolved Organic Carbon	3.8	38	500	800	1000

Template Ver. 1

Landfill Waste Acceptance Criteria limit values correct as of 11th March 2009.

Tests where the accreditation is set to U are UKAS accredited, those where the accreditation is set to N are not UKAS accredited

Where individual results are flagged see report notes for status.
Results corrected to dry weight at 105°C where appropriate, in accordance with the MCERTS standard.

WASTE ACCEPTANCE CRITERIA TESTING
BSEN 12457/2

Client	SOCOTEC UK Maidstone				**Leaching Data**	
					Weight of sample (kg)	0.111
Contact	Mark Hurcomb				Moisture content @ 105°C (% of Wet Weight)	19.6
					Equivalent Weight based on drying at 105°C (kg)	0.090
Site	R9203 Maitland Park Villias - Aspen House				Volume of water required to carry out 10:1 stage (litres)	0.879
					Fraction of sample above 4 mm %	0.000
Sample Description		**Report No**	**Sample No**	**Issue Date**	Fraction of non-crushable material %	0.000
HP6 0.30-0.50		s20_4218M	CL/1980999	21-Dec-19		

Note: The >4mm fraction is crushed using a disc mill

Accreditation	Method Code	Solid Waste Analysis (Dry Basis)	Concentration in Solid (Dry Weight Basis)	Landfill Waste Acceptance Criteria Limit Values		
				Inert Waste Landfill	Stable Non-reactive Hazardous Waste in Non-Hazardous Landfill	Hazardous Waste Landfill
U	WSLM59	Total Organic Carbon (% M/M)	1.92	3	5	6
N	LOI450	Loss on Ignition (%)	3.8			10
U	BTEXHSA	Sum of BTEX (mg/kg)	<0.0745	6		
U	PCBUSECD	Sum of 7 Congener PCB's (mg/kg)	<0.042	1		
U	TPHFIDUS	Mineral Oil (mg/kg)	547	500		
N	PAHMSUS	PAH Sum of 17 (mg/kg)	110.04	100		
U	PHSOIL	pH (pH units)	8.6		>6	
N	ANC	Acid Neutralisation Capacity (mol/kg) @pH 7	2.05		To be evaluated	To be evaluated

Accreditation	Method Code	Leachate Analysis	10:1 Single Stage Leachate	Calculated cumulative amount leached @ 10:1	Landfill Waste Acceptance Criteria Limit Values for BSEN 12457/2 @ L/S 10 litre kg-1		
			mg/l except oo	mg/kg (dry weight)	mg/kg (dry weight)		
U	WSLM3	pH (pH units) oo	8	Calculated data not UKAS Accredited			
U	WSLM2	Conductivity (µs/cm) oo	132				
U	ICPMSW	Arsenic	0.006	0.06	0.5	2	25
U	ICPWATVAR	Barium	0.02	0.2	20	100	300
U	ICPMSW	Cadmium	<0.00002	<0.0002	0.04	1	5
U	ICPMSW	Chromium	<0.001	<0.01	0.5	10	70
U	ICPMSW	Copper	0.006	0.06	2	50	100
U	ICPMSW	Mercury	<0.00003	<0.0003	0.01	0.2	2
U	ICPMSW	Molybdenum	<0.001	<0.01	0.5	10	30
U	ICPMSW	Nickel	<0.001	<0.01	0.4	10	40
U	ICPMSW	Lead	<0.001	<0.01	0.5	10	50
U	ICPMSW	Antimony	0.002	0.02	0.06	0.7	5
U	ICPMSW	Selenium	<0.001	<0.01	0.1	0.5	7
U	ICPMSW	Zinc	0.004	0.04	4	50	200
U	KONENS	Chloride	<1	<10	800	15000	25000
U	ISEF	Fluoride	0.6	6	10	150	500
U	ICPWATVAR	Sulphate as SO4	<3	<30	1000	20000	50000
N	WSLM27	Total Dissolved Solids	103	1030	4000	60000	100000
U	SFAPI	Phenol Index	<0.05	<0.5	1		
N	WSLM13	Dissolved Organic Carbon	2.1	21	500	800	1000

Template Ver. 1

Landfill Waste Acceptance Criteria limit values correct as of 11th March 2009.

Tests where the accreditation is set to U are UKAS accredited, those where the accreditation is set to N are not UKAS accredited

Where individual results are flagged see report notes for status.
Results corrected to dry weight at 105°C where appropriate, in accordance with the MCERTS standard.

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working for a healthy and sustainable world

CERTIFICATE OF ANALYSIS

ANALYSIS REQUESTED BY: SOCOTEC UK Ltd
Environmental Chemistry
PO Box 100
Burton upon Trent
Staffordshire
DE15 0XD

CONTRACT NO: S10100-10a

DATE OF ISSUE: 07.01.20

DATE SAMPLE RECEIVED: 13.12.19

DATE SAMPLE ANALYSED: 07.01.20

SAMPLE DESCRIPTION: One soil/loose aggregate sample weighing approximately 0.6kg.

ANALYSIS REQUESTED: Quantitative analysis of a soil/loose aggregate sample for mass determination of asbestos. (Qualitative analysis carried out under job number S10100-10)

METHOD:

Quantitative - The analysis was carried out using our documented in-house method based on HSE Contract Research Report No. 83/1996: Development and Validation of an analytical method to determine the amount of asbestos in soils and loose aggregates (Davies *et al*, 1996) and HSG 248. Our method includes initial examination of the entire sample, detailed analysis of a representative sub-sample and quantification by hand picking/weighing and/or fibre counting/sizing as appropriate.

www.iom-world.org

Registered Address: Research Avenue North, Riccarton, Edinburgh, EH14 4AP, United Kingdom
Tel: 0131 449 8000 Fax: 0131 449 8084 Email: iom@iom-world.org

UKAS TESTING
0374

CONTRACT NO: S10100-10a
DATE OF ISSUE: 07.01.20

RESULTS:

SOCOTEC Job I.D: S204218

Client Sample Number	Sample Weight (g)	% Asbestos in Sample from ACM's	% Asbestos in Sample as Unbound Fibres	Total % Asbestos in Sample
S1980998 HP5 0.40-0.60	647	-	0.005	0.005

Our limit of quantification for gravimetric analysis of soil samples is 0.001%.

COMMENTS

IOM Consulting cannot accept responsibility for samples that have been incorrectly collected or despatched by external clients.

Any opinions and interpretations expressed herein are outwith the scope of our UKAS accreditation.

AUTHORISED BY: .....
D Third
Scientific Technician

working for a healthy and sustainable world

CERTIFICATE OF ANALYSIS

ANALYSIS REQUESTED BY: SOCOTEC UK Ltd
Environmental Chemistry
PO Box 100
Burton upon Trent
Staffordshire
DE15 0XD

CONTRACT NO: S10100-10

DATE OF ISSUE: 20.12.19

DATE SAMPLES RECEIVED: 13.12.19

DATE SAMPLES ANALYSED: 20.12.19

DESCRIPTION: Twelve soil/loose aggregate samples.

ANALYSIS REQUESTED: Qualitative analysis of samples for determination of presence/type of asbestos.

METHODS:

Our method involves initial examination of the samples followed by detailed analysis of representative sub-samples. The sub-samples are analysed qualitatively for asbestos by polarised light and dispersion staining as described by the Health and Safety Executive in HSG 248.

RESULTS:

Initial Screening

Asbestos was detected in one of the soil samples by stereo-binocular and polarised light microscopy.

A summary of the results is given in Table 1.

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Registered Address: Research Avenue North, Riccarton, Edinburgh, EH14 4AP, United Kingdom
Tel: 0131 449 8000 Fax: 0131 449 8084 Email: iom@iom-world.org

IOM CONSULTING LIMITED, registered in Scotland No. SC205670

UKAS TESTING
0374

CONTRACT NO: S10100-10
DATE OF ISSUE: 20.12.19

RESULTS: (cont.)

Table 1: Qualitative Results

SOCOTEC Job I.D: S204218

IOM sample number	Client sample number	ACM type detected	PLM result
S69419	S1980988 WS01 0.30-0.60	-	No Asbestos Detected
S69420	S1980989 WS02 0.30-0.60	-	No Asbestos Detected
S69421	S1980990 WS03 1.00-1.20	-	No Asbestos Detected
S69422	S1980991 WS04 0.40-0.50	-	No Asbestos Detected
S69423	S1980992 HP7 0.50-0.60	-	No Asbestos Detected
S69424	S1980993 HP1 0.30-0.50	-	No Asbestos Detected
S69425	S1980994 HP2 0.40-0.50	-	No Asbestos Detected
S69426	S1980995 HP3 0.00-0.10	-	No Asbestos Detected
S69427	S1980996 HP4 0.40-0.60	-	No Asbestos Detected
S69428	S1980998 HP5 0.40-0.60	Loose Insulation[2]	Amosite & Chrysotile
S69429	S1980999 HP6 0.30-0.50	-	No Asbestos Detected
S69430	S1981000 HP6 0.70-0.90	-	No Asbestos Detected

Our detection limit for this method is 0.001%.

COMMENTS:

[1] ACM was visible during initial examination of the sample.
[2] ACM was detected during microscopic examination of the sample.

IOM Consulting cannot accept responsibility for samples that have been incorrectly collected or despatched by external clients.

Any opinions and interpretations expressed herein are out with the scope of our UKAS accreditation.

AUTHORISED BY: .....
D Third
Scientific Technician

Analytical and Deviating Sample Overview

Customer SOCOTEC UK Maidstone
Site R9203 Maitland Park Villas - Aspen House
Report No S204218M

Consignment No S90421
Date Logged 11-Dec-2019
In-House Report Due 13-Jan-2020

Please note the results for any subcontracted analysis (identified with a '^') is likely to take up to an additional five working days.

ID Number	Description	Sampled	MethodID	ANC	BTEXHSA		CEN Leachate	CustServ	Dep.Opt	GROHSA	ICPBOR	ICPMSS								KONECR	LOI(%MM)	MCertS	PAHMSUS		PCBECD	PHEHPLC	PHSOIL
				Acid Neut. Capacity	BTEX-HSA + MTBE analysis	MTBE (µg/kg)	CEN Leac(P)C	REPORT A	DO Waste Guidance interp if TPH>1000	GRO (C6-C8)	Boron (H20 Soluble)	Arsenic (MS)	Cadmium (MS)	Chromium (MS)	Copper (MS)	Lead (MS)	Mercury (MS)	Nickel (MS)	Selenium (MS)	Zinc (MS)	Chromium vi:	L.O.I. % @ 450C	MCertS Analysis	PAH (16) by GCMS	PAH (17) by GCMS	PCB-7 Congeners Analysis	Phenol - HPLC	pH units (AR)
					✓	✓				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓
CL/1980988	WS01 0.30-0.60	09/12/19																									
CL/1980989	WS02 0.30-0.60	09/12/19																									
CL/1980990	WS03 1.00-1.20	09/12/19																									
CL/1980991	WS04 0.40-0.50	09/12/19																									
CL/1980992	HP7 0.50-0.60	09/12/19																									
CL/1980993	HP1 0.30-0.50	10/12/19																									
CL/1980994	HP2 0.40-0.50	10/12/19																									
CL/1980995	HP3 0.00-0.10	10/12/19																									
CL/1980996	HP4 0.40-0.60	10/12/19																									
CL/1980997	WS01 0.10	09/12/19																									
CL/1980998	HP5 0.40-0.60	10/12/19																									
CL/1980999	HP6 0.30-0.50	10/12/19																									
CL/1981000	HP6 0.70-0.90	10/12/19																									

Note: We will endeavour to prioritise samples to complete analysis within holding time; however any delay could result in samples becoming deviant whilst being processed in the laboratory.

If sampling dates are missing or matrices unclassified then results will not be ISO 17025 accredited. Please contact us as soon as possible to provide missing information in order to reinstate accreditation.

Deviating Sample Key

A	The sample was received in an inappropriate container for this analysis
B	The sample was received without the correct preservation for this analysis
C	Headspace present in the sample container
D	The sampling date was not supplied so holding time may be compromised - applicable to all analysis
E	Sample processing did not commence within the appropriate holding time
F	Sample processing did not commence within the appropriate handling time

Requested Analysis Key

	Analysis Required
	Analysis dependant upon trigger result - **Note: due date may be affected if triggered**
	No analysis scheduled
^	Analysis Subcontracted - **Note: due date may vary**

Analytical and Deviating Sample Overview

Customer SOCOTEC UK Maidstone
Site R9203 Maitland Park Villas - Aspen House
Report No S204218M

Consignment No S90421
Date Logged 11-Dec-2019
In-House Report Due 13-Jan-2020

Please note the results for any subcontracted analysis (identified with a '^') is likely to take up to an additional five working days.

ID Number	Description	MethodID	SFAPI		Sub020		TMSS	TPHFIDUS				VOCHSAS	WSLM59
		Sampled	Cyanide(Free) (AR)	Phenol Index.(AR)	^Asbestos ID (Stage 1)	^Asbestos ID and Quant (1 to 3)	Tot.Moisture @ 105C	TPH Band (>C10-C40)	TPH by GCFID (AR)	TPH Carbon Banding.	TPH Interpretation.(Waste Guidance)	VOC HSA-GCMS	Total Organic Carbon
			✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
CL/1980988	WS01 0.30-0.60	09/12/19											
CL/1980989	WS02 0.30-0.60	09/12/19											
CL/1980990	WS03 1.00-1.20	09/12/19											
CL/1980991	WS04 0.40-0.50	09/12/19											
CL/1980992	HP7 0.50-0.60	09/12/19											
CL/1980993	HP1 0.30-0.50	10/12/19											
CL/1980994	HP2 0.40-0.50	10/12/19											
CL/1980995	HP3 0.00-0.10	10/12/19											
CL/1980996	HP4 0.40-0.60	10/12/19											
CL/1980997	WS01 0.10	09/12/19											
CL/1980998	HP5 0.40-0.60	10/12/19											
CL/1980999	HP6 0.30-0.50	10/12/19											
CL/1981000	HP6 0.70-0.90	10/12/19											

Note: We will endeavour to prioritise samples to complete analysis within holding time; however any delay could result in samples becoming deviant whilst being processed in the laboratory.

If sampling dates are missing or matrices unclassified then results will not be ISO 17025 accredited. Please contact us as soon as possible to provide missing information in order to reinstate accreditation.

Deviating Sample Key

A	The sample was received in an inappropriate container for this analysis
B	The sample was received without the correct preservation for this analysis
C	Headspace present in the sample container
D	The sampling date was not supplied so holding time may be compromised - applicable to all analysis
E	Sample processing did not commence within the appropriate holding time
F	Sample processing did not commence within the appropriate handling time

Requested Analysis Key

	Analysis Required
	Analysis dependant upon trigger result - **Note: due date may be affected if triggered**
	No analysis scheduled
^	Analysis Subcontracted - **Note: due date may vary**

Where individual results are flagged see report notes for status.
The integrity of data for samples/analysis that have been categorised as Deviating may be compromised. Data may not be representative of the sample at the time of sampling.

Report Number : EFS/204218

Additional Report Notes

Method Code	Sample ID	The following information should be taken into consideration when using the data contained within this report
VOCHSAS	CL1980988-CL1981000	The Primary process control data associated with this Test has not wholly met the requirements of the Laboratory Quality Management System QMS with one or more target analytes falling outside acceptable limits. However the remaining data gives the Laboratory confidence that the test has performed satisfactorily and that the validity of the data may not have been significantly affected. However in line with our QMS policy we have removed accreditation, where applicable, from the affected analytes (1,2,4-Trimethylbenzene, n-Butylbenzene, Vinyl Chloride, 1,4-Dichlorobenzene) . These circumstances should be taken into consideration when utilising the data.
VOCHSAS	CL1980988	Due to matrix interference, the Surrogate (Dibromofluoromethane) recovery for this Test is below the required QMS specification. This has been confirmed by testing the pH of the sample which was above pH7.0. Surrogate is known to degrade in alkaline samples. All other Laboratory Process Controls meet the requirements of the QMS unless otherwise stated. These circumstances should be taken into consideration when utilising the data
PAHMSUS	CL1980997	The matrix of this sample has been found to interfere with the result for this test. The sample has therefore been diluted to improve the signal to noise ratio but in doing so, the detection limit for this test has been elevated.

Method Descriptions

Matrix	MethodID	Analysis Basis	Method Description
Soil	ANC	Oven Dried @ < 35°C	Quantitative digestion with Hydrochloric Acid back titration with 1M Sodium Hydroxide to pH 7
Soil	BTEXHSA	As Received	Determination of Benzene, Toluene, Ethyl benzene and Xylenes (BTEX) by Headspace GCFID
Soil	GROHSA	As Received	Determination of Total Gasoline Range Organics Hydrocarbons (GRO) by Headspace GCFID
Soil	ICPBOR	Oven Dried @ < 35°C	Determination of Boron in soil samples by hot water extraction followed by ICPOES detection
Soil	ICPMSS	Oven Dried @ < 35°C	Determination of Metals in Marine Sediments and Soil samples by aqua regia digestion followed by ICPMS detection
Soil	KONECR	Oven Dried @ < 35°C	Determination of Chromium vi in soil samples by water extraction followed by colorimetric detection
Soil	LOI(%MM)	Oven Dried @ < 35°C	Determination of loss on ignition for soil samples at specified temperature by gravimetry
Soil	PAHMSUS	As Received	Determination of Polycyclic Aromatic Hydrocarbons (PAH) by hexane/acetone extraction followed by GCMS detection
Soil	PCBECD	As Received	Determination of Polychlorinated Biphenyl (PCB) congeners/aroclors by hexane/acetone extraction followed by GCECD detection
Soil	PHEHPLC	As Received	Determination of Phenols by methanol extraction followed by HPLC detection
Soil	PHSOIL	As Received	Determination of pH of 2.5:1 deionised water to soil extracts using pH probe.
Soil	SFAPI	As Received	Segmented flow analysis with colorimetric detection
Soil	SubCon*	*	Contact Laboratory for details of the methodology used by the sub-contractor.
Soil	TMSS	As Received	Determination of the Total Moisture content at 105ºC by loss on oven drying gravimetric analysis (% based upon wet weight)
Soil	TPHFIDUS	As Received	Determination of hexane/acetone extractable Hydrocarbons in soil with GCFID detection.
Soil	VOCHSAS	As Received	Determination of Volatile Organic Compounds (VOC) by Headspace GCMS
Soil	WSLM59	Oven Dried @ < 35°C	Determination of Organic Carbon in soil using sulphurous Acid digestion followed by high temperature combustion and IR detection
Water	ICPMSW	As Received	Direct quantitative determination of Metals in water samples using ICPMS
Water	ICPWATVAR	As Received	Direct determination of Metals and Sulphate in water samples using ICPOES
Water	ISEF	As Received	Determination of Fluoride in water samples by Ion Selective Electrode (ISE)

Method Descriptions

Matrix	MethodID	Analysis Basis	Method Description
Water	KONENS	As Received	Direct analysis using discrete colorimetric analysis
Water	SFAPI	As Received	Segmented flow analysis with colorimetric detection
Water	WSLM13	As Received	Instrumental analysis using acid/persulphate digestion and non-dispersive IR detection
Water	WSLM2	As Received	Determination of the Electrical Conductivity (µS/cm) by electrical conductivity probe.
Water	WSLM27	As Received	Gravimetric Determination
Water	WSLM3	As Received	Determination of the pH of water samples by pH probe

Where individual results are flagged see report notes for status.

Report Notes

Generic Notes

Soil/Solid Analysis

Unless stated otherwise,
- Results expressed as mg/kg have been calculated on the basis indicated in the Method Description table.
  All results on MCERTS reports are reported on a 105ºC dry weight basis with the exception of pH and conductivity.
- Sulphate analysis not conducted in accordance with BS1377
- Water Soluble Sulphate is on a 2:1 water:soil extract

Waters Analysis

Unless stated otherwise results are expressed as mg/l

Nil: Where "Nil" has been entered against Total Alkalinity or Total Acidity this indicates that a measurement was not required due to the inherent pH of the sample.

Oil analysis specific

Unless stated otherwise,
- Results are expressed as mg/kg
- SG is expressed as g/cm^3@ 15^{o}C

Gas (Tedlar bag) Analysis

Unless stated otherwise, results are expressed as ug/l

Asbestos Analysis

CH Denotes Chrysotile **TR** Denotes Tremolite
CR Denotes Crocidolite **AC** Denotes Actinolite
AM Denotes Amosite **AN** Denotes Anthophylite
NAIIS No Asbestos Identified in Sample
NADIS No Asbestos Detected In Sample

Symbol Reference

^ Sub-contracted analysis.
$$ Unable to analyse due to the nature of the sample
¶ Samples submitted for this analyte were not preserved on site in accordance with laboratory protocols. This may have resulted in deterioration of the sample(s) during transit to the laboratory. Consequently the reported data may not represent the concentration of the target analyte present in the sample at the time of sampling
¥ Results for guidance only due to possible interference
& Blank corrected result
I.S Insufficient sample to complete requested analysis
I.S(g) Insufficient sample to re-analyse, results for guidance only
Intf Unable to analyse due to interferences
N.D Not determined **N.Det** Not detected
N.F No Flow
NS Information Not Supplied
Req Analysis requested, see attached sheets for results
Þ Raised detection limit due to nature of the sample
***** All accreditation has been removed by the laboratory for this result
‡ MCERTS accreditation has been removed for this result
§ accreditation has been removed for this result as it is a non-accredited matrix

Note: The Laboratory may only claim that data is accredited when all of the requirements of our Quality System have been met. Where these requirements have not been met the laboratory may elect to include the data in its final report and remove the accreditation from individual data items if it believes that the validity of the data has not been affected. If further details are required of the circumstances which have led to the removal of accreditation then please do not hesitate to contact the laboratory.

Sample Descriptions

Client : SOCOTEC UK Maidstone

Site : R9203 Maitland Park Villas - Aspen House

Report Number : S20_4218

Note: major constituent in upper case

Lab ID Number	Client ID	Description
CL/1980988	WS01 0.30-0.60	Brown Gravel SILT Concrete
CL/1980989	WS02 0.30-0.60	Brown Gravel CLAY Brick
CL/1980990	WS03 1.00-1.20	Brown CLAY
CL/1980991	WS04 0.40-0.50	Brown Gravel SILT
CL/1980992	HP7 0.50-0.60	Brown Gravel SILT Brick
CL/1980993	HP1 0.30-0.50	Brown Gravel SILT
CL/1980994	HP2 0.40-0.50	Brown Clay SAND Gravel
CL/1980995	HP3 0.00-0.10	Brown Gravel CLAY Roots
CL/1980996	HP4 0.40-0.60	Brown Gravel CLAY Brick
CL/1980997	WS01 0.10 (NVM)	Black TARMAC
CL/1980998	HP5 0.40-0.60	Brown Gravel SILT Brick
CL/1980999	HP6 0.30-0.50	Brown Gravel SILT Brick
CL/1981000	HP6 0.70-0.90	Brown Gravel SILT Brick

Appendix E
HazWasteOnline Output Sheets

Waste Classification Report

6SJTK-U7TDR-F4J5F

Job name

R9203 Maitland Park Villas, London

Description/Comments

Waste classification, all values and composite maximum based on laboratory report

Project

Site

Related Documents

#	Name	Description
None		

Waste Stream Template

SOCOTEC Full generic list 28-10-2019

Classified by

Name:
Nic Kirkham
Date:
22 Jan 2020 14:55 GMT
Telephone:
01926 819400

Company:
SOCOTEC UK Limited
Warwick House
Banbury Road
Southam
CV47 2PT

Report

Created by: Nic Kirkham
Created date: 22 Jan 2020 14:55 GMT

Job summary

Classification of sample: WS01

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample Name:
WS01
Sample Depth:
0.3 m
Moisture content:
12.9%
(no correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 12.9% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		0.5	mg/kg	3.22	1.61	mg/kg	0.000161 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		5	mg/kg	1.32	6.602	mg/kg	0.00066 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<**LOD**
4	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		40.3	mg/kg	1.462	58.901	mg/kg	0.00589 %		
5	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		21.7	mg/kg	1.126	24.432	mg/kg	0.00244 %		
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	12.8	mg/kg		12.8	mg/kg	0.00128 %		
7	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5	mg/kg	1.353	<0.677	mg/kg	<0.0000677 %		<**LOD**
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		38.3	mg/kg	2.976	113.991	mg/kg	0.0114 %		
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				0.5	mg/kg	2.554	1.277	mg/kg	0.000128 %		
10	zinc { zinc chromate }	024-007-00-3				59.3	mg/kg	2.774	164.507	mg/kg	0.0165 %		
11	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.1	mg/kg	1.923	<0.192	mg/kg	<0.0000192 %		<**LOD**
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.6	mg/kg	1.884	<1.13	mg/kg	<0.000113 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
13		pH				11	pH		11	pH	11pH		
				PH									
14		phenol				<0.6	mg/kg		<0.6	mg/kg	<0.00006 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
15		benzene				<0.0115	mg/kg		<0.0115	mg/kg	<0.00000115 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
16		ethylbenzene				<0.0115	mg/kg		<0.0115	mg/kg	<0.00000115 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
17		toluene				<0.0115	mg/kg		<0.0115	mg/kg	<0.00000115 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		xylene				<0.0345	mg/kg		<0.0345	mg/kg	<0.00000345 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		TPH (C6 to C40) petroleum group				503.212	mg/kg		503.212	mg/kg	0.0503 %		
				TPH									
20		acenaphthene				0.55	mg/kg		0.55	mg/kg	0.000055 %		
			201-469-6	83-32-9									
21		acenaphthylene				0.33	mg/kg		0.33	mg/kg	0.000033 %		
			205-917-1	208-96-8									
22		anthracene				1.5	mg/kg		1.5	mg/kg	0.00015 %		
			204-371-1	120-12-7									
23		benzo[a]anthracene				4.14	mg/kg		4.14	mg/kg	0.000414 %		
		601-033-00-9	200-280-6	56-55-3									
24		benzo[a]pyrene; benzo[def]chrysene				4.62	mg/kg		4.62	mg/kg	0.000462 %		
		601-032-00-3	200-028-5	50-32-8									
25		benzo[b]fluoranthene				5.2	mg/kg		5.2	mg/kg	0.00052 %		
		601-034-00-4	205-911-9	205-99-2									
26		benzo[ghi]perylene				2.31	mg/kg		2.31	mg/kg	0.000231 %		
			205-883-8	191-24-2									
27		benzo[k]fluoranthene				1.96	mg/kg		1.96	mg/kg	0.000196 %		
		601-036-00-5	205-916-6	207-08-9									
28		chrysene				3.57	mg/kg		3.57	mg/kg	0.000357 %		
		601-048-00-0	205-923-4	218-01-9									
29		coronene				0.55	mg/kg		0.55	mg/kg	0.000055 %		
			205-881-7	191-07-1									
30		dibenz[a,h]anthracene				0.53	mg/kg		0.53	mg/kg	0.000053 %		
		601-041-00-2	200-181-8	53-70-3									
31		fluoranthene				8.63	mg/kg		8.63	mg/kg	0.000863 %		
			205-912-4	206-44-0									
32		fluorene				0.38	mg/kg		0.38	mg/kg	0.000038 %		
			201-695-5	86-73-7									
33		indeno[123-cd]pyrene				2.93	mg/kg		2.93	mg/kg	0.000293 %		
			205-893-2	193-39-5									
34		naphthalene				<0.09	mg/kg		<0.09	mg/kg	<0.000009 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
35		phenanthrene				3.09	mg/kg		3.09	mg/kg	0.000309 %		
			201-581-5	85-01-8									
36		pyrene				7.31	mg/kg		7.31	mg/kg	0.000731 %		
			204-927-3	129-00-0									
37		1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.0022	mg/kg		<0.0022	mg/kg	<0.00000022 %		<LOD
			203-458-1, 200-863-5	107-06-2, 75-34-3									
38		1,1,1,2-tetrachloroethane				<0.0011	mg/kg		<0.0011	mg/kg	<0.00000011 %		<LOD
			211-135-1	630-20-6									
39		1,1,1-trichloroethane; methyl chloroform				<0.0011	mg/kg		<0.0011	mg/kg	<0.00000011 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
40		1,1,2,2-tetrachloroethane				<0.0011	mg/kg		<0.0011	mg/kg	<0.00000011 %		<LOD
		602-015-00-3	201-197-8	79-34-5									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
41		1,1,2-trichloroethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-014-00-8	201-166-9	79-00-5							
42		1,1-dichloroethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-011-00-1	200-863-5	75-34-3							
43		1,1-dichloroethylene; vinylidene chloride				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-025-00-8	200-864-0	75-35-4							
44		1,1-dichloropropene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-031-00-0	209-253-3	563-58-6							
45		1,2,3-trichlorobenzene				<0.0034 mg/kg		<0.0034 mg/kg	<0.00000034 %		<LOD
			201-757-1	87-61-6							
46		1,2,3-trichloropropane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-062-00-X	202-486-1	96-18-4							
47		1,2,4-trichlorobenzene				<0.0034 mg/kg		<0.0034 mg/kg	<0.00000034 %		<LOD
		602-087-00-6	204-428-0	120-82-1							
48		1,2,4-trimethylbenzene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		601-043-00-3	202-436-9	95-63-6							
49		1,2-dibromo-3-chloropropane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-021-00-6	202-479-3	96-12-8							
50		1,2-dibromoethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-010-00-6	203-444-5	106-93-4							
51		1,2-dichlorobenzene; o-dichlorobenzene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-034-00-7	202-425-9	95-50-1							
52		1,2-dichloroethane; ethylene dichloride				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-012-00-7	203-458-1	107-06-2							
53		1,2-dichloropropane; propylene dichloride				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-020-00-0	201-152-2	78-87-5							
54		mesitylene; 1,3,5-trimethylbenzene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		601-025-00-5	203-604-4	108-67-8							
55		1,3-dichlorbenzene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-067-00-7	208-792-1	541-73-1							
56		1,3-dichloropropane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			205-531-3	142-28-9							
57		1,4-dichlorobenzene; p-dichlorobenzene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-035-00-2	203-400-5	106-46-7							
58		2,2-dichloropropane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			209-832-0	594-20-7							
59		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.0022 mg/kg		<0.0022 mg/kg	<0.00000022 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]							
60		bromobenzene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-060-00-9	203-623-8	108-86-1							
61		bromochloromethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			200-826-3	74-97-5							
62		bromodichloromethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			200-856-7	75-27-4							
63		bromoform; tribromomethane				0.0023 mg/kg		0.0023 mg/kg	0.00000023 %		
		602-007-00-X	200-854-6	75-25-2							
64		bromomethane; methylbromide				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-002-00-2	200-813-2	74-83-9							
65		carbon tetrachloride; tetrachloromethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-008-00-5	200-262-8	56-23-5							
66		chlorobenzene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-033-00-1	203-628-5	108-90-7							
67		chloroethane				<0.0023 mg/kg		<0.0023 mg/kg	<0.00000023 %		<LOD
		602-009-00-0	200-830-5	75-00-3							
68		chloroform; trichloromethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-006-00-4	200-663-8	67-66-3							

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
69		chloromethane; methyl chloride				<0.0034 mg/kg		<0.0034 mg/kg	<0.00000034 %		<LOD
		602-001-00-7	200-817-4	74-87-3							
70		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.0022 mg/kg		<0.0022 mg/kg	<0.00000022 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
71		dibromochloromethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			204-704-0	124-48-1							
72		dibromomethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-003-00-8	200-824-2	74-95-3							
73		dichlorodifluoromethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			200-893-9	75-71-8							
74		hexachlorobutadiene				<0.0023 mg/kg		<0.0023 mg/kg	<0.00000023 %		<LOD
			201-765-5	87-68-3							
75		cumene; [1] propylbenzene [2]				<0.0022 mg/kg		<0.0022 mg/kg	<0.00000022 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
76		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.023 mg/kg		<0.023 mg/kg	<0.0000023 %		<LOD
		603-181-00-X	216-653-1	1634-04-4							
77		n-butylbenzene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			203-209-7	104-51-8							
78		4-isopropyltoluene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			202-796-7	99-87-6							
79		sec-butylbenzene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			205-227-0	135-98-8							
80		styrene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		601-026-00-0	202-851-5	100-42-5							
81		tert-butylbenzene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			202-632-4	98-06-6							
82		tetrachloroethylene				<0.0034 mg/kg		<0.0034 mg/kg	<0.00000034 %		<LOD
		602-028-00-4	204-825-9	127-18-4							
83		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.0068 mg/kg		<0.0068 mg/kg	<0.00000068 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
84		trichloroethylene; trichloroethene				0.0046 mg/kg		0.0046 mg/kg	0.00000046 %		
		602-027-00-9	201-167-4	79-01-6							
85		trichlorofluoromethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			200-892-3	75-69-4							
86		vinyl chloride; chloroethylene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-023-00-7	200-831-0	75-01-4							
87		polychlorobiphenyls; PCB				<0.0402 mg/kg		<0.0402 mg/kg	<0.00000402 %		<LOD
		602-039-00-4	215-648-1	1336-36-3							
								Total:	0.0938 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because The hazard phase HP 3(i) refers to flammable liquid, however, as the material is a solid and no free phase product was observed during sampling this hazard has been discounted from further consideration.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0503%)

Classification of sample: WS02

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample Name:
WS02
Sample Depth:
0.3 m
Moisture content:
20%
(no correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 20% No Moisture Correction applied (MC)

#	Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number / EC Number / CAS Number							
1	boron { diboron trioxide; boric oxide }		1 mg/kg	3.22	3.22 mg/kg	0.000322 %		
	005-008-00-8 / 215-125-8 / 1303-86-2							
2	arsenic { arsenic trioxide }		6 mg/kg	1.32	7.922 mg/kg	0.000792 %		
	033-003-00-0 / 215-481-4 / 1327-53-3							
3	cadmium { cadmium oxide }		<0.21 mg/kg	1.142	<0.24 mg/kg	<0.000024 %		<LOD
	048-002-00-0 / 215-146-2 / 1306-19-0							
4	chromium in chromium(III) compounds { chromium(III) oxide }		54.5 mg/kg	1.462	79.655 mg/kg	0.00797 %		
	215-160-9 / 1308-38-9							
5	copper { dicopper oxide; copper (I) oxide }		31.9 mg/kg	1.126	35.916 mg/kg	0.00359 %		
	029-002-00-X / 215-270-7 / 1317-39-1							
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	1	17.2 mg/kg		17.2 mg/kg	0.00172 %		
	082-001-00-6							
7	mercury { mercury dichloride }		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
	080-010-00-X / 231-299-8 / 7487-94-7							
8	nickel { nickel chromate }		59.5 mg/kg	2.976	177.088 mg/kg	0.0177 %		
	028-035-00-7 / 238-766-5 / 14721-18-7							
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }		1 mg/kg	2.554	2.554 mg/kg	0.000255 %		
	034-002-00-8							
10	zinc { zinc chromate }		86.5 mg/kg	2.774	239.964 mg/kg	0.024 %		
	024-007-00-3							
11	chromium in chromium(VI) compounds { chromium(VI) oxide }		<0.1 mg/kg	1.923	<0.192 mg/kg	<0.0000192 %		<LOD
	024-001-00-0 / 215-607-8 / 1333-82-0							
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }		<0.6 mg/kg	1.884	<1.13 mg/kg	<0.000113 %		<LOD
	006-007-00-5							

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
13		pH				9.7	pH		9.7	pH	9.7 pH		
				PH									
14		phenol				<0.6	mg/kg		<0.6	mg/kg	<0.00006 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
15		benzene				<0.0125	mg/kg		<0.0125	mg/kg	<0.00000125 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
16		ethylbenzene				<0.0125	mg/kg		<0.0125	mg/kg	<0.00000125 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
17		toluene				<0.0125	mg/kg		<0.0125	mg/kg	<0.00000125 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		xylene				<0.038	mg/kg		<0.038	mg/kg	<0.0000038 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		TPH (C6 to C40) petroleum group				198.313	mg/kg		198.313	mg/kg	0.0198 %		
				TPH									
20		acenaphthene				0.3	mg/kg		0.3	mg/kg	0.00003 %		
			201-469-6	83-32-9									
21		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
22		anthracene				0.41	mg/kg		0.41	mg/kg	0.000041 %		
			204-371-1	120-12-7									
23		benzo[a]anthracene				0.64	mg/kg		0.64	mg/kg	0.000064 %		
		601-033-00-9	200-280-6	56-55-3									
24		benzo[a]pyrene; benzo[def]chrysene				0.63	mg/kg		0.63	mg/kg	0.000063 %		
		601-032-00-3	200-028-5	50-32-8									
25		benzo[b]fluoranthene				0.65	mg/kg		0.65	mg/kg	0.000065 %		
		601-034-00-4	205-911-9	205-99-2									
26		benzo[ghi]perylene				0.31	mg/kg		0.31	mg/kg	0.000031 %		
			205-883-8	191-24-2									
27		benzo[k]fluoranthene				0.25	mg/kg		0.25	mg/kg	0.000025 %		
		601-036-00-5	205-916-6	207-08-9									
28		chrysene				0.53	mg/kg		0.53	mg/kg	0.000053 %		
		601-048-00-0	205-923-4	218-01-9									
29		coronene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-881-7	191-07-1									
30		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
31		fluoranthene				1.24	mg/kg		1.24	mg/kg	0.000124 %		
			205-912-4	206-44-0									
32		fluorene				0.19	mg/kg		0.19	mg/kg	0.000019 %		
			201-695-5	86-73-7									
33		indeno[123-cd]pyrene				0.34	mg/kg		0.34	mg/kg	0.000034 %		
			205-893-2	193-39-5									
34		naphthalene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
		601-052-00-2	202-049-5	91-20-3									
35		phenanthrene				1.23	mg/kg		1.23	mg/kg	0.000123 %		
			201-581-5	85-01-8									
36		pyrene				1.06	mg/kg		1.06	mg/kg	0.000106 %		
			204-927-3	129-00-0									
37		1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.0026	mg/kg		<0.0026	mg/kg	<0.00000026 %		<LOD
			203-458-1, 200-863-5	107-06-2, 75-34-3									
38		1,1,1,2-tetrachloroethane				<0.0013	mg/kg		<0.0013	mg/kg	<0.00000013 %		<LOD
			211-135-1	630-20-6									
39		1,1,1-trichloroethane; methyl chloroform				<0.0013	mg/kg		<0.0013	mg/kg	<0.00000013 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
40		1,1,2,2-tetrachloroethane				<0.0013	mg/kg		<0.0013	mg/kg	<0.00000013 %		<LOD
		602-015-00-3	201-197-8	79-34-5									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
41		1,1,2-trichloroethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-014-00-8	201-166-9	79-00-5							
42		1,1-dichloroethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-011-00-1	200-863-5	75-34-3							
43		1,1-dichloroethylene; vinylidene chloride				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-025-00-8	200-864-0	75-35-4							
44		1,1-dichloropropene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-031-00-0	209-253-3	563-58-6							
45		1,2,3-trichlorobenzene				<0.0038 mg/kg		<0.0038 mg/kg	<0.00000038 %		<LOD
			201-757-1	87-61-6							
46		1,2,3-trichloropropane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-062-00-X	202-486-1	96-18-4							
47		1,2,4-trichlorobenzene				<0.0038 mg/kg		<0.0038 mg/kg	<0.00000038 %		<LOD
		602-087-00-6	204-428-0	120-82-1							
48		1,2,4-trimethylbenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		601-043-00-3	202-436-9	95-63-6							
49		1,2-dibromo-3-chloropropane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-021-00-6	202-479-3	96-12-8							
50		1,2-dibromoethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-010-00-6	203-444-5	106-93-4							
51		1,2-dichlorobenzene; o-dichlorobenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-034-00-7	202-425-9	95-50-1							
52		1,2-dichloroethane; ethylene dichloride				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-012-00-7	203-458-1	107-06-2							
53		1,2-dichloropropane; propylene dichloride				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-020-00-0	201-152-2	78-87-5							
54		mesitylene; 1,3,5-trimethylbenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		601-025-00-5	203-604-4	108-67-8							
55		1,3-dichlorbenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-067-00-7	208-792-1	541-73-1							
56		1,3-dichloropropane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			205-531-3	142-28-9							
57		1,4-dichlorobenzene; p-dichlorobenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-035-00-2	203-400-5	106-46-7							
58		2,2-dichloropropane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			209-832-0	594-20-7							
59		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.0026 mg/kg		<0.0026 mg/kg	<0.00000026 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]							
60		bromobenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-060-00-9	203-623-8	108-86-1							
61		bromochloromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			200-826-3	74-97-5							
62		bromodichloromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			200-856-7	75-27-4							
63		bromoform; tribromomethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-007-00-X	200-854-6	75-25-2							
64		bromomethane; methylbromide				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-002-00-2	200-813-2	74-83-9							
65		carbon tetrachloride; tetrachloromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-008-00-5	200-262-8	56-23-5							
66		chlorobenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-033-00-1	203-628-5	108-90-7							
67		chloroethane				<0.0025 mg/kg		<0.0025 mg/kg	<0.00000025 %		<LOD
		602-009-00-0	200-830-5	75-00-3							
68		chloroform; trichloromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-006-00-4	200-663-8	67-66-3							

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
69		chloromethane; methyl chloride				<0.0038	mg/kg		<0.0038	mg/kg	<0.00000038 %		<LOD
		602-001-00-7	200-817-4	74-87-3									
70		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.0026	mg/kg		<0.0026	mg/kg	<0.00000026 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
71	●	dibromochloromethane				<0.0013	mg/kg		<0.0013	mg/kg	<0.00000013 %		<LOD
			204-704-0	124-48-1									
72		dibromomethane				<0.0013	mg/kg		<0.0013	mg/kg	<0.00000013 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
73	●	dichlorodifluoromethane				<0.0013	mg/kg		<0.0013	mg/kg	<0.00000013 %		<LOD
			200-893-9	75-71-8									
74	●	hexachlorobutadiene				<0.0025	mg/kg		<0.0025	mg/kg	<0.00000025 %		<LOD
			201-765-5	87-68-3									
75		cumene; [1] propylbenzene [2]				<0.0026	mg/kg		<0.0026	mg/kg	<0.00000026 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]									
76		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.025	mg/kg		<0.025	mg/kg	<0.0000025 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
77	●	n-butylbenzene				<0.0013	mg/kg		<0.0013	mg/kg	<0.00000013 %		<LOD
			203-209-7	104-51-8									
78	●	4-isopropyltoluene				<0.0013	mg/kg		<0.0013	mg/kg	<0.00000013 %		<LOD
			202-796-7	99-87-6									
79	●	sec-butylbenzene				<0.0013	mg/kg		<0.0013	mg/kg	<0.00000013 %		<LOD
			205-227-0	135-98-8									
80		styrene				<0.0013	mg/kg		<0.0013	mg/kg	<0.00000013 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
81	●	tert-butylbenzene				<0.0013	mg/kg		<0.0013	mg/kg	<0.00000013 %		<LOD
			202-632-4	98-06-6									
82		tetrachloroethylene				<0.0038	mg/kg		<0.0038	mg/kg	<0.00000038 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
83		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				0.0188	mg/kg		0.0188	mg/kg	0.00000188 %		
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
84		trichloroethylene; trichloroethene				0.03	mg/kg		0.03	mg/kg	0.000003 %		
		602-027-00-9	201-167-4	79-01-6									
85	●	trichlorofluoromethane				<0.0013	mg/kg		<0.0013	mg/kg	<0.00000013 %		<LOD
			200-892-3	75-69-4									
86		vinyl chloride; chloroethylene				<0.0013	mg/kg		<0.0013	mg/kg	<0.00000013 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
87	●	polychlorobiphenyls; PCB				<0.0437	mg/kg		<0.0437	mg/kg	<0.00000437 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0773 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because The hazard phase HP 3(i) refers to flammable liquid, however, as the material is a solid and no free phase product was observed during sampling this hazard has been discounted from further consideration.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]: (conc.: 1.88e-06%)

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0198%)

Classification of sample: WS03

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample Name:
WS03
Sample Depth:
1 m
Moisture content:
23.8%
(no correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 23.8% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		1.8 mg/kg	3.22	5.796 mg/kg	0.00058 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		5.9 mg/kg	1.32	7.79 mg/kg	0.000779 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.21 mg/kg	1.142	<0.24 mg/kg	<0.000024 %		<**LOD**
4	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		20.7 mg/kg	1.462	30.254 mg/kg	0.00303 %		
5	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		28 mg/kg	1.126	31.525 mg/kg	0.00315 %		
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	47.7 mg/kg		47.7 mg/kg	0.00477 %		
7	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<**LOD**
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		26.7 mg/kg	2.976	79.466 mg/kg	0.00795 %		
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				1.5 mg/kg	2.554	3.83 mg/kg	0.000383 %		
10	zinc { zinc chromate }	024-007-00-3				24.2 mg/kg	2.774	67.134 mg/kg	0.00671 %		
11	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.1 mg/kg	1.923	<0.192 mg/kg	<0.0000192 %		<**LOD**
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.7 mg/kg	1.884	<1.319 mg/kg	<0.000132 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
13		pH				8.4	pH		8.4	pH	8.4 pH		
				PH									
14		phenol				<0.7	mg/kg		<0.7	mg/kg	<0.00007 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
15		TPH (C6 to C40) petroleum group				26.38	mg/kg		26.38	mg/kg	0.00264 %		
				TPH									
16		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
17		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
18		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7									
19		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
20		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
21		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
22		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
23		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
24		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
25		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
26		fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0									
27		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
28		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
29		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
30		phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8									
31		pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0									
32		1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.0026	mg/kg		<0.0026	mg/kg	<0.00000026 %		<LOD
			203-458-1, 200-863-5	107-06-2, 75-34-3									
33		1,1,1,2-tetrachloroethane				<0.0013	mg/kg		<0.0013	mg/kg	<0.00000013 %		<LOD
			211-135-1	630-20-6									
34		1,1,1-trichloroethane; methyl chloroform				<0.0013	mg/kg		<0.0013	mg/kg	<0.00000013 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
35		1,1,2,2-tetrachloroethane				<0.0013	mg/kg		<0.0013	mg/kg	<0.00000013 %		<LOD
		602-015-00-3	201-197-8	79-34-5									
36		1,1,2-trichloroethane				<0.0013	mg/kg		<0.0013	mg/kg	<0.00000013 %		<LOD
		602-014-00-8	201-166-9	79-00-5									
37		1,1-dichloroethane				<0.0013	mg/kg		<0.0013	mg/kg	<0.00000013 %		<LOD
		602-011-00-1	200-863-5	75-34-3									
38		1,1-dichloroethylene; vinylidene chloride				<0.0013	mg/kg		<0.0013	mg/kg	<0.00000013 %		<LOD
		602-025-00-8	200-864-0	75-35-4									
39		1,1-dichloropropene				<0.0013	mg/kg		<0.0013	mg/kg	<0.00000013 %		<LOD
		602-031-00-0	209-253-3	563-58-6									
40		1,2,3-trichlorobenzene				<0.0039	mg/kg		<0.0039	mg/kg	<0.00000039 %		<LOD
			201-757-1	87-61-6									
41		1,2,3-trichloropropane				<0.0013	mg/kg		<0.0013	mg/kg	<0.00000013 %		<LOD
		602-062-00-X	202-486-1	96-18-4									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
42		1,2,4-trichlorobenzene				<0.0039 mg/kg		<0.0039 mg/kg	<0.00000039 %		<LOD
		602-087-00-6	204-428-0	120-82-1							
43		1,2,4-trimethylbenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		601-043-00-3	202-436-9	95-63-6							
44		1,2-dibromo-3-chloropropane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-021-00-6	202-479-3	96-12-8							
45		1,2-dibromoethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-010-00-6	203-444-5	106-93-4							
46		1,2-dichlorobenzene; o-dichlorobenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-034-00-7	202-425-9	95-50-1							
47		1,2-dichloroethane; ethylene dichloride				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-012-00-7	203-458-1	107-06-2							
48		1,2-dichloropropane; propylene dichloride				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-020-00-0	201-152-2	78-87-5							
49		mesitylene; 1,3,5-trimethylbenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		601-025-00-5	203-604-4	108-67-8							
50		1,3-dichlorbenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-067-00-7	208-792-1	541-73-1							
51		1,3-dichloropropane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			205-531-3	142-28-9							
52		1,4-dichlorobenzene; p-dichlorobenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-035-00-2	203-400-5	106-46-7							
53		2,2-dichloropropane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			209-832-0	594-20-7							
54		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.0026 mg/kg		<0.0026 mg/kg	<0.00000026 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]							
55		bromobenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-060-00-9	203-623-8	108-86-1							
56		bromochloromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			200-826-3	74-97-5							
57		bromodichloromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			200-856-7	75-27-4							
58		bromoform; tribromomethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-007-00-X	200-854-6	75-25-2							
59		bromomethane; methylbromide				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-002-00-2	200-813-2	74-83-9							
60		carbon tetrachloride; tetrachloromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-008-00-5	200-262-8	56-23-5							
61		chlorobenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-033-00-1	203-628-5	108-90-7							
62		chloroethane				<0.0026 mg/kg		<0.0026 mg/kg	<0.00000026 %		<LOD
		602-009-00-0	200-830-5	75-00-3							
63		chloroform; trichloromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-006-00-4	200-663-8	67-66-3							
64		chloromethane; methyl chloride				<0.0039 mg/kg		<0.0039 mg/kg	<0.00000039 %		<LOD
		602-001-00-7	200-817-4	74-87-3							
65		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.0026 mg/kg		<0.0026 mg/kg	<0.00000026 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
66		dibromochloromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			204-704-0	124-48-1							
67		dibromomethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-003-00-8	200-824-2	74-95-3							
68		dichlorodifluoromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			200-893-9	75-71-8							
69		hexachlorobutadiene				<0.0026 mg/kg		<0.0026 mg/kg	<0.00000026 %		<LOD
			201-765-5	87-68-3							

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
70		cumene; [1] propylbenzene [2]				<0.0026 mg/kg		<0.0026 mg/kg	<0.00000026 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
71	●	n-butylbenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			203-209-7	104-51-8							
72	●	4-isopropyltoluene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			202-796-7	99-87-6							
73	●	sec-butylbenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			205-227-0	135-98-8							
74		styrene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		601-026-00-0	202-851-5	100-42-5							
75	●	tert-butylbenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			202-632-4	98-06-6							
76		tetrachloroethylene				<0.0039 mg/kg		<0.0039 mg/kg	<0.00000039 %		<LOD
		602-028-00-4	204-825-9	127-18-4							
77		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.0079 mg/kg		<0.0079 mg/kg	<0.00000079 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
78		trichloroethylene; trichloroethene				0.0026 mg/kg		0.0026 mg/kg	0.00000026 %		
		602-027-00-9	201-167-4	79-01-6							
79	●	trichlorofluoromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			200-892-3	75-69-4							
80		vinyl chloride; chloroethylene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-023-00-7	200-831-0	75-01-4							
								Total:	0.0305 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because The hazard phase HP 3(i) refers to flammable liquid, however, as the material is a solid and no free phase product was observed during sampling this hazard has been discounted from further consideration.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00264%)

Classification of sample: WS04

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample Name:
WS04
Sample Depth:
0.4 m
Moisture content:
9.9%
(no correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 9.9% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		1.2 mg/kg	3.22	3.864 mg/kg	0.000386 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		4 mg/kg	1.32	5.281 mg/kg	0.000528 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %		<**LOD**
4	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		40.3 mg/kg	1.462	58.901 mg/kg	0.00589 %		
5	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		20.8 mg/kg	1.126	23.418 mg/kg	0.00234 %		
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	10.4 mg/kg		10.4 mg/kg	0.00104 %		
7	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<**LOD**
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		37.6 mg/kg	2.976	111.908 mg/kg	0.0112 %		
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				0.7 mg/kg	2.554	1.788 mg/kg	0.000179 %		
10	zinc { zinc chromate }	024-007-00-3				56.3 mg/kg	2.774	156.184 mg/kg	0.0156 %		
11	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.1 mg/kg	1.923	<0.192 mg/kg	<0.0000192 %		<**LOD**
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.6 mg/kg	1.884	<1.13 mg/kg	<0.000113 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
13		pH				8.4	pH		8.4	pH	8.4 pH		
				PH									
14		phenol				<0.6	mg/kg		<0.6	mg/kg	<0.00006 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
15		benzene				<0.0111	mg/kg		<0.0111	mg/kg	<0.00000111 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
16		ethylbenzene				<0.0111	mg/kg		<0.0111	mg/kg	<0.00000111 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
17		toluene				<0.0111	mg/kg		<0.0111	mg/kg	<0.00000111 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		xylene				<0.0333	mg/kg		<0.0333	mg/kg	<0.00000333 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		TPH (C6 to C40) petroleum group				44.911	mg/kg		44.911	mg/kg	0.00449 %		
				TPH									
20		acenaphthene				<0.09	mg/kg		<0.09	mg/kg	<0.000009 %		<LOD
			201-469-6	83-32-9									
21		acenaphthylene				<0.09	mg/kg		<0.09	mg/kg	<0.000009 %		<LOD
			205-917-1	208-96-8									
22		anthracene				<0.09	mg/kg		<0.09	mg/kg	<0.000009 %		<LOD
			204-371-1	120-12-7									
23		benzo[a]anthracene				0.26	mg/kg		0.26	mg/kg	0.000026 %		
		601-033-00-9	200-280-6	56-55-3									
24		benzo[a]pyrene; benzo[def]chrysene				0.21	mg/kg		0.21	mg/kg	0.000021 %		
		601-032-00-3	200-028-5	50-32-8									
25		benzo[b]fluoranthene				0.26	mg/kg		0.26	mg/kg	0.000026 %		
		601-034-00-4	205-911-9	205-99-2									
26		benzo[ghi]perylene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
			205-883-8	191-24-2									
27		benzo[k]fluoranthene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
		601-036-00-5	205-916-6	207-08-9									
28		chrysene				0.21	mg/kg		0.21	mg/kg	0.000021 %		
		601-048-00-0	205-923-4	218-01-9									
29		coronene				<0.09	mg/kg		<0.09	mg/kg	<0.000009 %		<LOD
			205-881-7	191-07-1									
30		dibenz[a,h]anthracene				<0.09	mg/kg		<0.09	mg/kg	<0.000009 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
31		fluoranthene				0.53	mg/kg		0.53	mg/kg	0.000053 %		
			205-912-4	206-44-0									
32		fluorene				<0.09	mg/kg		<0.09	mg/kg	<0.000009 %		<LOD
			201-695-5	86-73-7									
33		indeno[123-cd]pyrene				0.16	mg/kg		0.16	mg/kg	0.000016 %		
			205-893-2	193-39-5									
34		naphthalene				<0.09	mg/kg		<0.09	mg/kg	<0.000009 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
35		phenanthrene				0.26	mg/kg		0.26	mg/kg	0.000026 %		
			201-581-5	85-01-8									
36		pyrene				0.43	mg/kg		0.43	mg/kg	0.000043 %		
			204-927-3	129-00-0									
37		1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.0022	mg/kg		<0.0022	mg/kg	<0.00000022 %		<LOD
			203-458-1, 200-863-5	107-06-2, 75-34-3									
38		1,1,1,2-tetrachloroethane				<0.0011	mg/kg		<0.0011	mg/kg	<0.00000011 %		<LOD
			211-135-1	630-20-6									
39		1,1,1-trichloroethane; methyl chloroform				<0.0011	mg/kg		<0.0011	mg/kg	<0.00000011 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
40		1,1,2,2-tetrachloroethane				<0.0011	mg/kg		<0.0011	mg/kg	<0.00000011 %		<LOD
		602-015-00-3	201-197-8	79-34-5									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
41		1,1,2-trichloroethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-014-00-8	201-166-9	79-00-5							
42		1,1-dichloroethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-011-00-1	200-863-5	75-34-3							
43		1,1-dichloroethylene; vinylidene chloride				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-025-00-8	200-864-0	75-35-4							
44		1,1-dichloropropene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-031-00-0	209-253-3	563-58-6							
45	●	1,2,3-trichlorobenzene				<0.0033 mg/kg		<0.0033 mg/kg	<0.00000033 %		<LOD
			201-757-1	87-61-6							
46		1,2,3-trichloropropane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-062-00-X	202-486-1	96-18-4							
47		1,2,4-trichlorobenzene				<0.0033 mg/kg		<0.0033 mg/kg	<0.00000033 %		<LOD
		602-087-00-6	204-428-0	120-82-1							
48		1,2,4-trimethylbenzene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		601-043-00-3	202-436-9	95-63-6							
49		1,2-dibromo-3-chloropropane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-021-00-6	202-479-3	96-12-8							
50		1,2-dibromoethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-010-00-6	203-444-5	106-93-4							
51		1,2-dichlorobenzene; o-dichlorobenzene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-034-00-7	202-425-9	95-50-1							
52		1,2-dichloroethane; ethylene dichloride				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-012-00-7	203-458-1	107-06-2							
53		1,2-dichloropropane; propylene dichloride				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-020-00-0	201-152-2	78-87-5							
54		mesitylene; 1,3,5-trimethylbenzene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		601-025-00-5	203-604-4	108-67-8							
55		1,3-dichlorbenzene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-067-00-7	208-792-1	541-73-1							
56	●	1,3-dichloropropane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			205-531-3	142-28-9							
57		1,4-dichlorobenzene; p-dichlorobenzene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-035-00-2	203-400-5	106-46-7							
58	●	2,2-dichloropropane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			209-832-0	594-20-7							
59		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.0022 mg/kg		<0.0022 mg/kg	<0.00000022 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]							
60		bromobenzene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-060-00-9	203-623-8	108-86-1							
61	●	bromochloromethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			200-826-3	74-97-5							
62	●	bromodichloromethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			200-856-7	75-27-4							
63		bromoform; tribromomethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-007-00-X	200-854-6	75-25-2							
64		bromomethane; methylbromide				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-002-00-2	200-813-2	74-83-9							
65		carbon tetrachloride; tetrachloromethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-008-00-5	200-262-8	56-23-5							
66		chlorobenzene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-033-00-1	203-628-5	108-90-7							
67		chloroethane				<0.0022 mg/kg		<0.0022 mg/kg	<0.00000022 %		<LOD
		602-009-00-0	200-830-5	75-00-3							
68		chloroform; trichloromethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-006-00-4	200-663-8	67-66-3							

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
69		chloromethane; methyl chloride				<0.0033 mg/kg		<0.0033 mg/kg	<0.00000033 %		<LOD
		602-001-00-7	200-817-4	74-87-3							
70		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.0022 mg/kg		<0.0022 mg/kg	<0.00000022 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
71		dibromochloromethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			204-704-0	124-48-1							
72		dibromomethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-003-00-8	200-824-2	74-95-3							
73		dichlorodifluoromethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			200-893-9	75-71-8							
74		hexachlorobutadiene				<0.0022 mg/kg		<0.0022 mg/kg	<0.00000022 %		<LOD
			201-765-5	87-68-3							
75		cumene; [1] propylbenzene [2]				<0.0022 mg/kg		<0.0022 mg/kg	<0.00000022 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
76		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.0222 mg/kg		<0.0222 mg/kg	<0.00000222 %		<LOD
		603-181-00-X	216-653-1	1634-04-4							
77		n-butylbenzene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			203-209-7	104-51-8							
78		4-isopropyltoluene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			202-796-7	99-87-6							
79		sec-butylbenzene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			205-227-0	135-98-8							
80		styrene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		601-026-00-0	202-851-5	100-42-5							
81		tert-butylbenzene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			202-632-4	98-06-6							
82		tetrachloroethylene				<0.0033 mg/kg		<0.0033 mg/kg	<0.00000033 %		<LOD
		602-028-00-4	204-825-9	127-18-4							
83		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.0066 mg/kg		<0.0066 mg/kg	<0.00000066 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
84		trichloroethylene; trichloroethene				0.0022 mg/kg		0.0022 mg/kg	0.00000022 %		
		602-027-00-9	201-167-4	79-01-6							
85		trichlorofluoromethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			200-892-3	75-69-4							
86		vinyl chloride; chloroethylene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-023-00-7	200-831-0	75-01-4							
87		polychlorobiphenyls; PCB				<0.0389 mg/kg		<0.0389 mg/kg	<0.00000388 %		<LOD
		602-039-00-4	215-648-1	1336-36-3							
								Total:	0.0423 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because The hazard phase HP 3(i) refers to flammable liquid, however, as the material is a solid and no free phase product was observed during sampling this hazard has been discounted from further consideration.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00449%)

Classification of sample: HP7

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample Name:
HP7
Sample Depth:
0.5 m
Moisture content:
19%
(no correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 19% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		1.5 mg/kg	3.22	4.83 mg/kg	0.000483 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		5 mg/kg	1.32	6.602 mg/kg	0.00066 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %		<**LOD**
4	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		27.1 mg/kg	1.462	39.608 mg/kg	0.00396 %		
5	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		17.1 mg/kg	1.126	19.253 mg/kg	0.00193 %		
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	13.9 mg/kg		13.9 mg/kg	0.00139 %		
7	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<**LOD**
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		27.9 mg/kg	2.976	83.038 mg/kg	0.0083 %		
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				0.9 mg/kg	2.554	2.298 mg/kg	0.00023 %		
10	zinc { zinc chromate }	024-007-00-3				47.8 mg/kg	2.774	132.604 mg/kg	0.0133 %		
11	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.1 mg/kg	1.923	<0.192 mg/kg	<0.0000192 %		<**LOD**
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.6 mg/kg	1.884	<1.13 mg/kg	<0.000113 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
13		pH				8.3	pH		8.3	pH	8.3 pH		
				PH									
14		phenol				<0.6	mg/kg		<0.6	mg/kg	<0.00006 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
15		benzene				<0.0123	mg/kg		<0.0123	mg/kg	<0.00000123 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
16		ethylbenzene				<0.0123	mg/kg		<0.0123	mg/kg	<0.00000123 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
17		toluene				<0.0123	mg/kg		<0.0123	mg/kg	<0.00000123 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		xylene				<0.037	mg/kg		<0.037	mg/kg	<0.0000037 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		TPH (C6 to C40) petroleum group				140.212	mg/kg		140.212	mg/kg	0.014 %		
				TPH									
20		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
21		acenaphthylene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
			205-917-1	208-96-8									
22		anthracene				0.2	mg/kg		0.2	mg/kg	0.00002 %		
			204-371-1	120-12-7									
23		benzo[a]anthracene				1.02	mg/kg		1.02	mg/kg	0.000102 %		
		601-033-00-9	200-280-6	56-55-3									
24		benzo[a]pyrene; benzo[def]chrysene				1.22	mg/kg		1.22	mg/kg	0.000122 %		
		601-032-00-3	200-028-5	50-32-8									
25		benzo[b]fluoranthene				1.48	mg/kg		1.48	mg/kg	0.000148 %		
		601-034-00-4	205-911-9	205-99-2									
26		benzo[ghi]perylene				0.77	mg/kg		0.77	mg/kg	0.000077 %		
			205-883-8	191-24-2									
27		benzo[k]fluoranthene				0.57	mg/kg		0.57	mg/kg	0.000057 %		
		601-036-00-5	205-916-6	207-08-9									
28		chrysene				1.01	mg/kg		1.01	mg/kg	0.000101 %		
		601-048-00-0	205-923-4	218-01-9									
29		coronene				0.2	mg/kg		0.2	mg/kg	0.00002 %		
			205-881-7	191-07-1									
30		dibenz[a,h]anthracene				0.16	mg/kg		0.16	mg/kg	0.000016 %		
		601-041-00-2	200-181-8	53-70-3									
31		fluoranthene				1.9	mg/kg		1.9	mg/kg	0.00019 %		
			205-912-4	206-44-0									
32		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
33		indeno[123-cd]pyrene				0.9	mg/kg		0.9	mg/kg	0.00009 %		
			205-893-2	193-39-5									
34		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
35		phenanthrene				0.62	mg/kg		0.62	mg/kg	0.000062 %		
			201-581-5	85-01-8									
36		pyrene				1.57	mg/kg		1.57	mg/kg	0.000157 %		
			204-927-3	129-00-0									
37		1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.0024	mg/kg		<0.0024	mg/kg	<0.00000024 %		<LOD
			203-458-1, 200-863-5	107-06-2, 75-34-3									
38		1,1,1,2-tetrachloroethane				<0.0012	mg/kg		<0.0012	mg/kg	<0.00000012 %		<LOD
			211-135-1	630-20-6									
39		1,1,1-trichloroethane; methyl chloroform				<0.0012	mg/kg		<0.0012	mg/kg	<0.00000012 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
40		1,1,2,2-tetrachloroethane				<0.0012	mg/kg		<0.0012	mg/kg	<0.00000012 %		<LOD
		602-015-00-3	201-197-8	79-34-5									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
41		1,1,2-trichloroethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-014-00-8	201-166-9	79-00-5							
42		1,1-dichloroethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-011-00-1	200-863-5	75-34-3							
43		1,1-dichloroethylene; vinylidene chloride				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-025-00-8	200-864-0	75-35-4							
44		1,1-dichloropropene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-031-00-0	209-253-3	563-58-6							
45		1,2,3-trichlorobenzene				<0.0037 mg/kg		<0.0037 mg/kg	<0.00000037 %		<LOD
			201-757-1	87-61-6							
46		1,2,3-trichloropropane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-062-00-X	202-486-1	96-18-4							
47		1,2,4-trichlorobenzene				<0.0037 mg/kg		<0.0037 mg/kg	<0.00000037 %		<LOD
		602-087-00-6	204-428-0	120-82-1							
48		1,2,4-trimethylbenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		601-043-00-3	202-436-9	95-63-6							
49		1,2-dibromo-3-chloropropane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-021-00-6	202-479-3	96-12-8							
50		1,2-dibromoethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-010-00-6	203-444-5	106-93-4							
51		1,2-dichlorobenzene; o-dichlorobenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-034-00-7	202-425-9	95-50-1							
52		1,2-dichloroethane; ethylene dichloride				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-012-00-7	203-458-1	107-06-2							
53		1,2-dichloropropane; propylene dichloride				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-020-00-0	201-152-2	78-87-5							
54		mesitylene; 1,3,5-trimethylbenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		601-025-00-5	203-604-4	108-67-8							
55		1,3-dichlorbenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-067-00-7	208-792-1	541-73-1							
56		1,3-dichloropropane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			205-531-3	142-28-9							
57		1,4-dichlorobenzene; p-dichlorobenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-035-00-2	203-400-5	106-46-7							
58		2,2-dichloropropane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			209-832-0	594-20-7							
59		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.0024 mg/kg		<0.0024 mg/kg	<0.00000024 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]							
60		bromobenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-060-00-9	203-623-8	108-86-1							
61		bromochloromethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			200-826-3	74-97-5							
62		bromodichloromethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			200-856-7	75-27-4							
63		bromoform; tribromomethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-007-00-X	200-854-6	75-25-2							
64		bromomethane; methylbromide				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-002-00-2	200-813-2	74-83-9							
65		carbon tetrachloride; tetrachloromethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-008-00-5	200-262-8	56-23-5							
66		chlorobenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-033-00-1	203-628-5	108-90-7							
67		chloroethane				<0.0025 mg/kg		<0.0025 mg/kg	<0.00000025 %		<LOD
		602-009-00-0	200-830-5	75-00-3							
68		chloroform; trichloromethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-006-00-4	200-663-8	67-66-3							

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
69		chloromethane; methyl chloride				<0.0037	mg/kg		<0.0037	mg/kg	<0.00000037 %		<LOD
		602-001-00-7	200-817-4	74-87-3									
70		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.0024	mg/kg		<0.0024	mg/kg	<0.00000024 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]									
71	●	dibromochloromethane				<0.0012	mg/kg		<0.0012	mg/kg	<0.00000012 %		<LOD
			204-704-0	124-48-1									
72		dibromomethane				<0.0012	mg/kg		<0.0012	mg/kg	<0.00000012 %		<LOD
		602-003-00-8	200-824-2	74-95-3									
73	●	dichlorodifluoromethane				<0.0012	mg/kg		<0.0012	mg/kg	<0.00000012 %		<LOD
			200-893-9	75-71-8									
74	●	hexachlorobutadiene				<0.0025	mg/kg		<0.0025	mg/kg	<0.00000025 %		<LOD
			201-765-5	87-68-3									
75		cumene; [1] propylbenzene [2]				<0.0024	mg/kg		<0.0024	mg/kg	<0.00000024 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]									
76		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.0247	mg/kg		<0.0247	mg/kg	<0.00000247 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
77	●	n-butylbenzene				<0.0012	mg/kg		<0.0012	mg/kg	<0.00000012 %		<LOD
			203-209-7	104-51-8									
78	●	4-isopropyltoluene				<0.0012	mg/kg		<0.0012	mg/kg	<0.00000012 %		<LOD
			202-796-7	99-87-6									
79	●	sec-butylbenzene				<0.0012	mg/kg		<0.0012	mg/kg	<0.00000012 %		<LOD
			205-227-0	135-98-8									
80		styrene				<0.0012	mg/kg		<0.0012	mg/kg	<0.00000012 %		<LOD
		601-026-00-0	202-851-5	100-42-5									
81	●	tert-butylbenzene				<0.0012	mg/kg		<0.0012	mg/kg	<0.00000012 %		<LOD
			202-632-4	98-06-6									
82		tetrachloroethylene				<0.0037	mg/kg		<0.0037	mg/kg	<0.00000037 %		<LOD
		602-028-00-4	204-825-9	127-18-4									
83		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				0.0074	mg/kg		0.0074	mg/kg	0.00000074 %		
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]									
84		trichloroethylene; trichloroethene				0.0173	mg/kg		0.0173	mg/kg	0.00000173 %		
		602-027-00-9	201-167-4	79-01-6									
85	●	trichlorofluoromethane				<0.0012	mg/kg		<0.0012	mg/kg	<0.00000012 %		<LOD
			200-892-3	75-69-4									
86		vinyl chloride; chloroethylene				<0.0012	mg/kg		<0.0012	mg/kg	<0.00000012 %		<LOD
		602-023-00-7	200-831-0	75-01-4									
87	●	polychlorobiphenyls; PCB				<0.0432	mg/kg		<0.0432	mg/kg	<0.00000432 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0457 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because The hazard phase HP 3(i) refers to flammable liquid, however, as the material is a solid and no free phase product was observed during sampling this hazard has been discounted from further consideration.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]: (conc.: 7.4e-07%)

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.014%)

Classification of sample: HP1

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample Name:
HP1
Sample Depth:
0.3 m
Moisture content:
11.7%
(no correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 11.7% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		0.7 mg/kg	3.22	2.254 mg/kg	0.000225 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		5.2 mg/kg	1.32	6.866 mg/kg	0.000687 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.23 mg/kg	1.142	0.263 mg/kg	0.0000263 %		
4	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		46.2 mg/kg	1.462	67.524 mg/kg	0.00675 %		
5	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		37.4 mg/kg	1.126	42.108 mg/kg	0.00421 %		
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	23.7 mg/kg		23.7 mg/kg	0.00237 %		
7	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		**<LOD**
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		48.2 mg/kg	2.976	143.456 mg/kg	0.0143 %		
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				1.7 mg/kg	2.554	4.341 mg/kg	0.000434 %		
10	zinc { zinc chromate }	024-007-00-3				242.4 mg/kg	2.774	672.453 mg/kg	0.0672 %		
11	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.1 mg/kg	1.923	<0.192 mg/kg	<0.0000192 %		**<LOD**
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.6 mg/kg	1.884	<1.13 mg/kg	<0.000113 %		**<LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
13		pH				8.6	pH		8.6	pH	8.6 pH		
				PH									
14		phenol				<0.6	mg/kg		<0.6	mg/kg	<0.00006 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
15		benzene				<0.0113	mg/kg		<0.0113	mg/kg	<0.00000113 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
16		ethylbenzene				<0.0113	mg/kg		<0.0113	mg/kg	<0.00000113 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
17		toluene				<0.0113	mg/kg		<0.0113	mg/kg	<0.00000113 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		xylene				<0.034	mg/kg		<0.034	mg/kg	<0.0000034 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		TPH (C6 to C40) petroleum group				48.911	mg/kg		48.911	mg/kg	0.00489 %		
				TPH									
20		acenaphthene				<0.09	mg/kg		<0.09	mg/kg	<0.000009 %		<LOD
			201-469-6	83-32-9									
21		acenaphthylene				<0.09	mg/kg		<0.09	mg/kg	<0.000009 %		<LOD
			205-917-1	208-96-8									
22		anthracene				<0.09	mg/kg		<0.09	mg/kg	<0.000009 %		<LOD
			204-371-1	120-12-7									
23		benzo[a]anthracene				0.23	mg/kg		0.23	mg/kg	0.000023 %		
		601-033-00-9	200-280-6	56-55-3									
24		benzo[a]pyrene; benzo[def]chrysene				0.32	mg/kg		0.32	mg/kg	0.000032 %		
		601-032-00-3	200-028-5	50-32-8									
25		benzo[b]fluoranthene				0.37	mg/kg		0.37	mg/kg	0.000037 %		
		601-034-00-4	205-911-9	205-99-2									
26		benzo[ghi]perylene				0.22	mg/kg		0.22	mg/kg	0.000022 %		
			205-883-8	191-24-2									
27		benzo[k]fluoranthene				0.16	mg/kg		0.16	mg/kg	0.000016 %		
		601-036-00-5	205-916-6	207-08-9									
28		chrysene				0.27	mg/kg		0.27	mg/kg	0.000027 %		
		601-048-00-0	205-923-4	218-01-9									
29		coronene				<0.09	mg/kg		<0.09	mg/kg	<0.000009 %		<LOD
			205-881-7	191-07-1									
30		dibenz[a,h]anthracene				<0.09	mg/kg		<0.09	mg/kg	<0.000009 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
31		fluoranthene				0.37	mg/kg		0.37	mg/kg	0.000037 %		
			205-912-4	206-44-0									
32		fluorene				<0.09	mg/kg		<0.09	mg/kg	<0.000009 %		<LOD
			201-695-5	86-73-7									
33		indeno[123-cd]pyrene				0.24	mg/kg		0.24	mg/kg	0.000024 %		
			205-893-2	193-39-5									
34		naphthalene				<0.09	mg/kg		<0.09	mg/kg	<0.000009 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
35		phenanthrene				0.19	mg/kg		0.19	mg/kg	0.000019 %		
			201-581-5	85-01-8									
36		pyrene				0.34	mg/kg		0.34	mg/kg	0.000034 %		
			204-927-3	129-00-0									
37		1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.0022	mg/kg		<0.0022	mg/kg	<0.00000022 %		<LOD
			203-458-1, 200-863-5	107-06-2, 75-34-3									
38		1,1,1,2-tetrachloroethane				<0.0011	mg/kg		<0.0011	mg/kg	<0.00000011 %		<LOD
			211-135-1	630-20-6									
39		1,1,1-trichloroethane; methyl chloroform				<0.0011	mg/kg		<0.0011	mg/kg	<0.00000011 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
40		1,1,2,2-tetrachloroethane				<0.0011	mg/kg		<0.0011	mg/kg	<0.00000011 %		<LOD
		602-015-00-3	201-197-8	79-34-5									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
41		1,1,2-trichloroethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-014-00-8	201-166-9	79-00-5							
42		1,1-dichloroethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-011-00-1	200-863-5	75-34-3							
43		1,1-dichloroethylene; vinylidene chloride				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-025-00-8	200-864-0	75-35-4							
44		1,1-dichloropropene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-031-00-0	209-253-3	563-58-6							
45		1,2,3-trichlorobenzene				<0.0034 mg/kg		<0.0034 mg/kg	<0.00000034 %		<LOD
			201-757-1	87-61-6							
46		1,2,3-trichloropropane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-062-00-X	202-486-1	96-18-4							
47		1,2,4-trichlorobenzene				<0.0034 mg/kg		<0.0034 mg/kg	<0.00000034 %		<LOD
		602-087-00-6	204-428-0	120-82-1							
48		1,2,4-trimethylbenzene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		601-043-00-3	202-436-9	95-63-6							
49		1,2-dibromo-3-chloropropane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-021-00-6	202-479-3	96-12-8							
50		1,2-dibromoethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-010-00-6	203-444-5	106-93-4							
51		1,2-dichlorobenzene; o-dichlorobenzene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-034-00-7	202-425-9	95-50-1							
52		1,2-dichloroethane; ethylene dichloride				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-012-00-7	203-458-1	107-06-2							
53		1,2-dichloropropane; propylene dichloride				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-020-00-0	201-152-2	78-87-5							
54		mesitylene; 1,3,5-trimethylbenzene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		601-025-00-5	203-604-4	108-67-8							
55		1,3-dichlorbenzene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-067-00-7	208-792-1	541-73-1							
56		1,3-dichloropropane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			205-531-3	142-28-9							
57		1,4-dichlorobenzene; p-dichlorobenzene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-035-00-2	203-400-5	106-46-7							
58		2,2-dichloropropane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			209-832-0	594-20-7							
59		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.0022 mg/kg		<0.0022 mg/kg	<0.00000022 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]							
60		bromobenzene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-060-00-9	203-623-8	108-86-1							
61		bromochloromethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			200-826-3	74-97-5							
62		bromodichloromethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			200-856-7	75-27-4							
63		bromoform; tribromomethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-007-00-X	200-854-6	75-25-2							
64		bromomethane; methylbromide				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-002-00-2	200-813-2	74-83-9							
65		carbon tetrachloride; tetrachloromethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-008-00-5	200-262-8	56-23-5							
66		chlorobenzene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-033-00-1	203-628-5	108-90-7							
67		chloroethane				<0.0023 mg/kg		<0.0023 mg/kg	<0.00000023 %		<LOD
		602-009-00-0	200-830-5	75-00-3							
68		chloroform; trichloromethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-006-00-4	200-663-8	67-66-3							

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
69		chloromethane; methyl chloride				<0.0034 mg/kg		<0.0034 mg/kg	<0.00000034 %		<LOD
		602-001-00-7	200-817-4	74-87-3							
70		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.0022 mg/kg		<0.0022 mg/kg	<0.00000022 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
71	●	dibromochloromethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			204-704-0	124-48-1							
72		dibromomethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-003-00-8	200-824-2	74-95-3							
73	●	dichlorodifluoromethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			200-893-9	75-71-8							
74	●	hexachlorobutadiene				<0.0023 mg/kg		<0.0023 mg/kg	<0.00000023 %		<LOD
			201-765-5	87-68-3							
75		cumene; [1] propylbenzene [2]				<0.0022 mg/kg		<0.0022 mg/kg	<0.00000022 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
76		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.0227 mg/kg		<0.0227 mg/kg	<0.00000227 %		<LOD
		603-181-00-X	216-653-1	1634-04-4							
77	●	n-butylbenzene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			203-209-7	104-51-8							
78	●	4-isopropyltoluene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			202-796-7	99-87-6							
79	●	sec-butylbenzene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			205-227-0	135-98-8							
80		styrene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		601-026-00-0	202-851-5	100-42-5							
81	●	tert-butylbenzene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			202-632-4	98-06-6							
82		tetrachloroethylene				<0.0034 mg/kg		<0.0034 mg/kg	<0.00000034 %		<LOD
		602-028-00-4	204-825-9	127-18-4							
83		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.0068 mg/kg		<0.0068 mg/kg	<0.00000068 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
84		trichloroethylene; trichloroethene				0.0045 mg/kg		0.0045 mg/kg	0.00000045 %		
		602-027-00-9	201-167-4	79-01-6							
85	●	trichlorofluoromethane				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
			200-892-3	75-69-4							
86		vinyl chloride; chloroethylene				<0.0011 mg/kg		<0.0011 mg/kg	<0.00000011 %		<LOD
		602-023-00-7	200-831-0	75-01-4							
87	●	polychlorobiphenyls; PCB				<0.0396 mg/kg		<0.0396 mg/kg	<0.00000396 %		<LOD
		602-039-00-4	215-648-1	1336-36-3							
								Total:	0.102 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because The hazard phase HP 3(i) refers to flammable liquid, however, as the material is a solid and no free phase product was observed during sampling this hazard has been discounted from further consideration.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00489%)

Classification of sample: HP2

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample Name:
HP2
Sample Depth:
0.4 m
Moisture content:
19.2%
(no correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 19.2% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		0.5 mg/kg	3.22	1.61 mg/kg	0.000161 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		22.5 mg/kg	1.32	29.707 mg/kg	0.00297 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.46 mg/kg	1.142	0.525 mg/kg	0.0000525 %		
4	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		30.5 mg/kg	1.462	44.577 mg/kg	0.00446 %		
5	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		166.6 mg/kg	1.126	187.573 mg/kg	0.0188 %		
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	245.1 mg/kg		245.1 mg/kg	0.0245 %		
7	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.52 mg/kg	1.353	<0.704 mg/kg	<0.0000704 %		<**LOD**
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		52.5 mg/kg	2.976	156.254 mg/kg	0.0156 %		
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				2.2 mg/kg	2.554	5.618 mg/kg	0.000562 %		
10	zinc { zinc chromate }	024-007-00-3				136.3 mg/kg	2.774	378.116 mg/kg	0.0378 %		
11	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		0.6 mg/kg	1.923	1.154 mg/kg	0.000115 %		
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.6 mg/kg	1.884	<1.13 mg/kg	<0.000113 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
13		pH				9.5	pH		9.5	pH	9.5 pH		
				PH									
14		phenol				<0.6	mg/kg		<0.6	mg/kg	<0.00006 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
15		benzene				<0.0124	mg/kg		<0.0124	mg/kg	<0.00000124 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
16		ethylbenzene				<0.0124	mg/kg		<0.0124	mg/kg	<0.00000124 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
17		toluene				<0.0124	mg/kg		<0.0124	mg/kg	<0.00000124 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		xylene				<0.0372	mg/kg		<0.0372	mg/kg	<0.00000372 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		TPH (C6 to C40) petroleum group				104.712	mg/kg		104.712	mg/kg	0.0105 %		
				TPH									
20		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
21		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
22		anthracene				0.17	mg/kg		0.17	mg/kg	0.000017 %		
			204-371-1	120-12-7									
23		benzo[a]anthracene				0.61	mg/kg		0.61	mg/kg	0.000061 %		
		601-033-00-9	200-280-6	56-55-3									
24		benzo[a]pyrene; benzo[def]chrysene				0.59	mg/kg		0.59	mg/kg	0.000059 %		
		601-032-00-3	200-028-5	50-32-8									
25		benzo[b]fluoranthene				0.71	mg/kg		0.71	mg/kg	0.000071 %		
		601-034-00-4	205-911-9	205-99-2									
26		benzo[ghi]perylene				0.33	mg/kg		0.33	mg/kg	0.000033 %		
			205-883-8	191-24-2									
27		benzo[k]fluoranthene				0.31	mg/kg		0.31	mg/kg	0.000031 %		
		601-036-00-5	205-916-6	207-08-9									
28		chrysene				0.54	mg/kg		0.54	mg/kg	0.000054 %		
		601-048-00-0	205-923-4	218-01-9									
29		coronene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-881-7	191-07-1									
30		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
31		fluoranthene				1.03	mg/kg		1.03	mg/kg	0.000103 %		
			205-912-4	206-44-0									
32		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
33		indeno[123-cd]pyrene				0.4	mg/kg		0.4	mg/kg	0.00004 %		
			205-893-2	193-39-5									
34		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
35		phenanthrene				0.38	mg/kg		0.38	mg/kg	0.000038 %		
			201-581-5	85-01-8									
36		pyrene				0.88	mg/kg		0.88	mg/kg	0.000088 %		
			204-927-3	129-00-0									
37		1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.0024	mg/kg		<0.0024	mg/kg	<0.00000024 %		<LOD
			203-458-1, 200-863-5	107-06-2, 75-34-3									
38		1,1,1,2-tetrachloroethane				<0.0012	mg/kg		<0.0012	mg/kg	<0.00000012 %		<LOD
			211-135-1	630-20-6									
39		1,1,1-trichloroethane; methyl chloroform				<0.0012	mg/kg		<0.0012	mg/kg	<0.00000012 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
40		1,1,2,2-tetrachloroethane				<0.0012	mg/kg		<0.0012	mg/kg	<0.00000012 %		<LOD
		602-015-00-3	201-197-8	79-34-5									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
41		1,1,2-trichloroethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-014-00-8	201-166-9	79-00-5							
42		1,1-dichloroethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-011-00-1	200-863-5	75-34-3							
43		1,1-dichloroethylene; vinylidene chloride				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-025-00-8	200-864-0	75-35-4							
44		1,1-dichloropropene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-031-00-0	209-253-3	563-58-6							
45		1,2,3-trichlorobenzene				<0.0037 mg/kg		<0.0037 mg/kg	<0.00000037 %		<LOD
			201-757-1	87-61-6							
46		1,2,3-trichloropropane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-062-00-X	202-486-1	96-18-4							
47		1,2,4-trichlorobenzene				<0.0037 mg/kg		<0.0037 mg/kg	<0.00000037 %		<LOD
		602-087-00-6	204-428-0	120-82-1							
48		1,2,4-trimethylbenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		601-043-00-3	202-436-9	95-63-6							
49		1,2-dibromo-3-chloropropane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-021-00-6	202-479-3	96-12-8							
50		1,2-dibromoethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-010-00-6	203-444-5	106-93-4							
51		1,2-dichlorobenzene; o-dichlorobenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-034-00-7	202-425-9	95-50-1							
52		1,2-dichloroethane; ethylene dichloride				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-012-00-7	203-458-1	107-06-2							
53		1,2-dichloropropane; propylene dichloride				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-020-00-0	201-152-2	78-87-5							
54		mesitylene; 1,3,5-trimethylbenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		601-025-00-5	203-604-4	108-67-8							
55		1,3-dichlorbenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-067-00-7	208-792-1	541-73-1							
56		1,3-dichloropropane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			205-531-3	142-28-9							
57		1,4-dichlorobenzene; p-dichlorobenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-035-00-2	203-400-5	106-46-7							
58		2,2-dichloropropane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			209-832-0	594-20-7							
59		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.0024 mg/kg		<0.0024 mg/kg	<0.00000024 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]							
60		bromobenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-060-00-9	203-623-8	108-86-1							
61		bromochloromethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			200-826-3	74-97-5							
62		bromodichloromethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			200-856-7	75-27-4							
63		bromoform; tribromomethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-007-00-X	200-854-6	75-25-2							
64		bromomethane; methylbromide				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-002-00-2	200-813-2	74-83-9							
65		carbon tetrachloride; tetrachloromethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-008-00-5	200-262-8	56-23-5							
66		chlorobenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-033-00-1	203-628-5	108-90-7							
67		chloroethane				<0.0025 mg/kg		<0.0025 mg/kg	<0.00000025 %		<LOD
		602-009-00-0	200-830-5	75-00-3							
68		chloroform; trichloromethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-006-00-4	200-663-8	67-66-3							

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
69		chloromethane; methyl chloride				<0.0037 mg/kg		<0.0037 mg/kg	<0.00000037 %		<LOD
		602-001-00-7	200-817-4	74-87-3							
70		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.0024 mg/kg		<0.0024 mg/kg	<0.00000024 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
71		dibromochloromethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			204-704-0	124-48-1							
72		dibromomethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-003-00-8	200-824-2	74-95-3							
73		dichlorodifluoromethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			200-893-9	75-71-8							
74		hexachlorobutadiene				<0.0025 mg/kg		<0.0025 mg/kg	<0.00000025 %		<LOD
			201-765-5	87-68-3							
75		cumene; [1] propylbenzene [2]				<0.0024 mg/kg		<0.0024 mg/kg	<0.00000024 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
76		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.0248 mg/kg		<0.0248 mg/kg	<0.00000248 %		<LOD
		603-181-00-X	216-653-1	1634-04-4							
77		n-butylbenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			203-209-7	104-51-8							
78		4-isopropyltoluene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			202-796-7	99-87-6							
79		sec-butylbenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			205-227-0	135-98-8							
80		styrene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		601-026-00-0	202-851-5	100-42-5							
81		tert-butylbenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			202-632-4	98-06-6							
82		tetrachloroethylene				<0.0037 mg/kg		<0.0037 mg/kg	<0.00000037 %		<LOD
		602-028-00-4	204-825-9	127-18-4							
83		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.0074 mg/kg		<0.0074 mg/kg	<0.00000074 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
84		trichloroethylene; trichloroethene				0.005 mg/kg		0.005 mg/kg	0.0000005 %		
		602-027-00-9	201-167-4	79-01-6							
85		trichlorofluoromethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			200-892-3	75-69-4							
86		vinyl chloride; chloroethylene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-023-00-7	200-831-0	75-01-4							
87		polychlorobiphenyls; PCB				<0.0433 mg/kg		<0.0433 mg/kg	<0.00000433 %		<LOD
		602-039-00-4	215-648-1	1336-36-3							
								Total:	0.116 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 2: Oxidizing "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because Little chromium VI present (<1mg/kg) and no oxidising reactions were noted during sampling

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00011%)

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because The hazard phase HP 3(i) refers to flammable liquid, however, as the material is a solid and no free phase product was observed during sampling this hazard has been discounted from further consideration.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0105%)

Classification of sample: HP3

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample Name:
HP3
Sample Depth:
0.1 m
Moisture content:
25.4%
(no correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 25.4% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		0.7 mg/kg	3.22	2.254 mg/kg	0.000225 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		10.8 mg/kg	1.32	14.26 mg/kg	0.00143 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.54 mg/kg	1.142	1.759 mg/kg	0.000176 %		
4	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		26.2 mg/kg	1.462	38.293 mg/kg	0.00383 %		
5	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		50 mg/kg	1.126	56.294 mg/kg	0.00563 %		
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	136.4 mg/kg		136.4 mg/kg	0.0136 %		
7	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.52 mg/kg	1.353	<0.704 mg/kg	<0.0000704 %		**<LOD**
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		23 mg/kg	2.976	68.454 mg/kg	0.00685 %		
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				0.7 mg/kg	2.554	1.788 mg/kg	0.000179 %		
10	zinc { zinc chromate }	024-007-00-3				248.6 mg/kg	2.774	689.653 mg/kg	0.069 %		
11	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		0.2 mg/kg	1.923	0.385 mg/kg	0.0000385 %		
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.7 mg/kg	1.884	<1.319 mg/kg	<0.000132 %		**<LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
13		pH				8.4	pH		8.4	pH	8.4 pH		
				PH									
14		phenol				<0.7	mg/kg		<0.7	mg/kg	<0.00007 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
15		benzene				<0.0134	mg/kg		<0.0134	mg/kg	<0.00000134 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
16		ethylbenzene				<0.0134	mg/kg		<0.0134	mg/kg	<0.00000134 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
17		toluene				<0.0134	mg/kg		<0.0134	mg/kg	<0.00000134 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		xylene				<0.0402	mg/kg		<0.0402	mg/kg	<0.00000402 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		TPH (C6 to C40) petroleum group				350.313	mg/kg		350.313	mg/kg	0.035 %		
				TPH									
20		acenaphthene				<0.11	mg/kg		<0.11	mg/kg	<0.000011 %		<LOD
			201-469-6	83-32-9									
21		acenaphthylene				<0.11	mg/kg		<0.11	mg/kg	<0.000011 %		<LOD
			205-917-1	208-96-8									
22		anthracene				<0.11	mg/kg		<0.11	mg/kg	<0.000011 %		<LOD
			204-371-1	120-12-7									
23		benzo[a]anthracene				0.47	mg/kg		0.47	mg/kg	0.000047 %		
		601-033-00-9	200-280-6	56-55-3									
24		benzo[a]pyrene; benzo[def]chrysene				0.8	mg/kg		0.8	mg/kg	0.00008 %		
		601-032-00-3	200-028-5	50-32-8									
25		benzo[b]fluoranthene				1.1	mg/kg		1.1	mg/kg	0.00011 %		
		601-034-00-4	205-911-9	205-99-2									
26		benzo[ghi]perylene				0.54	mg/kg		0.54	mg/kg	0.000054 %		
			205-883-8	191-24-2									
27		benzo[k]fluoranthene				0.39	mg/kg		0.39	mg/kg	0.000039 %		
		601-036-00-5	205-916-6	207-08-9									
28		chrysene				0.59	mg/kg		0.59	mg/kg	0.000059 %		
		601-048-00-0	205-923-4	218-01-9									
29		coronene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
			205-881-7	191-07-1									
30		dibenz[a,h]anthracene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
		601-041-00-2	200-181-8	53-70-3									
31		fluoranthene				0.64	mg/kg		0.64	mg/kg	0.000064 %		
			205-912-4	206-44-0									
32		fluorene				<0.11	mg/kg		<0.11	mg/kg	<0.000011 %		<LOD
			201-695-5	86-73-7									
33		indeno[123-cd]pyrene				0.62	mg/kg		0.62	mg/kg	0.000062 %		
			205-893-2	193-39-5									
34		naphthalene				<0.11	mg/kg		<0.11	mg/kg	<0.000011 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
35		phenanthrene				0.28	mg/kg		0.28	mg/kg	0.000028 %		
			201-581-5	85-01-8									
36		pyrene				0.58	mg/kg		0.58	mg/kg	0.000058 %		
			204-927-3	129-00-0									
37		1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.0026	mg/kg		<0.0026	mg/kg	<0.00000026 %		<LOD
			203-458-1, 200-863-5	107-06-2, 75-34-3									
38		1,1,1,2-tetrachloroethane				<0.0013	mg/kg		<0.0013	mg/kg	<0.00000013 %		<LOD
			211-135-1	630-20-6									
39		1,1,1-trichloroethane; methyl chloroform				<0.0013	mg/kg		<0.0013	mg/kg	<0.00000013 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
40		1,1,2,2-tetrachloroethane				<0.0013	mg/kg		<0.0013	mg/kg	<0.00000013 %		<LOD
		602-015-00-3	201-197-8	79-34-5									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
41		1,1,2-trichloroethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-014-00-8	201-166-9	79-00-5							
42		1,1-dichloroethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-011-00-1	200-863-5	75-34-3							
43		1,1-dichloroethylene; vinylidene chloride				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-025-00-8	200-864-0	75-35-4							
44		1,1-dichloropropene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-031-00-0	209-253-3	563-58-6							
45	●	1,2,3-trichlorobenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
			201-757-1	87-61-6							
46		1,2,3-trichloropropane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-062-00-X	202-486-1	96-18-4							
47		1,2,4-trichlorobenzene				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		602-087-00-6	204-428-0	120-82-1							
48		1,2,4-trimethylbenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		601-043-00-3	202-436-9	95-63-6							
49		1,2-dibromo-3-chloropropane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-021-00-6	202-479-3	96-12-8							
50		1,2-dibromoethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-010-00-6	203-444-5	106-93-4							
51		1,2-dichlorobenzene; o-dichlorobenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-034-00-7	202-425-9	95-50-1							
52		1,2-dichloroethane; ethylene dichloride				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-012-00-7	203-458-1	107-06-2							
53		1,2-dichloropropane; propylene dichloride				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-020-00-0	201-152-2	78-87-5							
54		mesitylene; 1,3,5-trimethylbenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		601-025-00-5	203-604-4	108-67-8							
55		1,3-dichlorbenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-067-00-7	208-792-1	541-73-1							
56	●	1,3-dichloropropane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			205-531-3	142-28-9							
57		1,4-dichlorobenzene; p-dichlorobenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-035-00-2	203-400-5	106-46-7							
58	●	2,2-dichloropropane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			209-832-0	594-20-7							
59		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.0026 mg/kg		<0.0026 mg/kg	<0.00000026 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]							
60		bromobenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-060-00-9	203-623-8	108-86-1							
61	●	bromochloromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			200-826-3	74-97-5							
62	●	bromodichloromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			200-856-7	75-27-4							
63		bromoform; tribromomethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-007-00-X	200-854-6	75-25-2							
64		bromomethane; methylbromide				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-002-00-2	200-813-2	74-83-9							
65		carbon tetrachloride; tetrachloromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-008-00-5	200-262-8	56-23-5							
66		chlorobenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-033-00-1	203-628-5	108-90-7							
67		chloroethane				<0.0027 mg/kg		<0.0027 mg/kg	<0.00000027 %		<LOD
		602-009-00-0	200-830-5	75-00-3							
68		chloroform; trichloromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-006-00-4	200-663-8	67-66-3							

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
69		chloromethane; methyl chloride				<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		602-001-00-7	200-817-4	74-87-3							
70		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.0026 mg/kg		<0.0026 mg/kg	<0.00000026 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
71		dibromochloromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			204-704-0	124-48-1							
72		dibromomethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-003-00-8	200-824-2	74-95-3							
73		dichlorodifluoromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			200-893-9	75-71-8							
74		hexachlorobutadiene				<0.0027 mg/kg		<0.0027 mg/kg	<0.00000027 %		<LOD
			201-765-5	87-68-3							
75		cumene; [1] propylbenzene [2]				<0.0026 mg/kg		<0.0026 mg/kg	<0.00000026 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
76		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.0268 mg/kg		<0.0268 mg/kg	<0.00000268 %		<LOD
		603-181-00-X	216-653-1	1634-04-4							
77		n-butylbenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			203-209-7	104-51-8							
78		4-isopropyltoluene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			202-796-7	99-87-6							
79		sec-butylbenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			205-227-0	135-98-8							
80		styrene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		601-026-00-0	202-851-5	100-42-5							
81		tert-butylbenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			202-632-4	98-06-6							
82		tetrachloroethylene				0.0295 mg/kg		0.0295 mg/kg	0.00000295 %		
		602-028-00-4	204-825-9	127-18-4							
83		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
84		trichloroethylene; trichloroethene				0.004 mg/kg		0.004 mg/kg	0.0000004 %		
		602-027-00-9	201-167-4	79-01-6							
85		trichlorofluoromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			200-892-3	75-69-4							
86		vinyl chloride; chloroethylene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-023-00-7	200-831-0	75-01-4							
87		polychlorobiphenyls; PCB				<0.0469 mg/kg		<0.0469 mg/kg	<0.00000469 %		<LOD
		602-039-00-4	215-648-1	1336-36-3							
								Total:	0.137 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 2: Oxidizing "waste which may, generally by providing oxygen, cause or contribute to the combustion of other materials"

Force this Hazardous property to non hazardous because Chromium (vi) was found at concentrations of less than 1.0 mg/kg and with the majority of samples having concentrations less than the Limit of Detection (LOD) of 0.1 mg/kg. The

Chromate species is therefore unlikely to occur in significant proportion. The next worst case species of Zinc is therefore selected.

Hazard Statements hit:

Ox. Sol. 1; H271 "May cause fire or explosion; strong oxidiser."

Because of determinand:

chromium(VI) oxide: (compound conc.: 0.00003%)

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because The hazard phase HP 3(i) refers to flammable liquid, however, as the material is a solid and no free phase product was observed during sampling this hazard has been discounted from further consideration.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.035%)

Classification of sample: HP4

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample Name:
HP4
Sample Depth:
0.4 m
Moisture content:
22.5%
(no correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 22.5% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		0.7	mg/kg	3.22	2.254	mg/kg	0.000225 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		7.8	mg/kg	1.32	10.299	mg/kg	0.00103 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.45	mg/kg	1.142	0.514	mg/kg	0.0000514 %		
4	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		16.6	mg/kg	1.462	24.262	mg/kg	0.00243 %		
5	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		28	mg/kg	1.126	31.525	mg/kg	0.00315 %		
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	164.1	mg/kg		164.1	mg/kg	0.0164 %		
7	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.52	mg/kg	1.353	<0.704	mg/kg	<0.0000704 %		<LOD
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		15.9	mg/kg	2.976	47.323	mg/kg	0.00473 %		
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				0.7	mg/kg	2.554	1.788	mg/kg	0.000179 %		
10	zinc { zinc chromate }	024-007-00-3				114.6	mg/kg	2.774	317.917	mg/kg	0.0318 %		
11	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.1	mg/kg	1.923	<0.192	mg/kg	<0.0000192 %		<LOD
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.6	mg/kg	1.884	<1.13	mg/kg	<0.000113 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
13		pH				10.5	pH		10.5	pH	10.5 pH		
				PH									
14		phenol				<0.6	mg/kg		<0.6	mg/kg	<0.00006 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
15		benzene				<0.0129	mg/kg		<0.0129	mg/kg	<0.00000129 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
16		ethylbenzene				<0.0129	mg/kg		<0.0129	mg/kg	<0.00000129 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
17		toluene				<0.0129	mg/kg		<0.0129	mg/kg	<0.00000129 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		xylene				<0.039	mg/kg		<0.039	mg/kg	<0.0000039 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		TPH (C6 to C40) petroleum group				87.713	mg/kg		87.713	mg/kg	0.00877 %		
				TPH									
20		acenaphthene				0.22	mg/kg		0.22	mg/kg	0.000022 %		
			201-469-6	83-32-9									
21		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
22		anthracene				0.34	mg/kg		0.34	mg/kg	0.000034 %		
			204-371-1	120-12-7									
23		benzo[a]anthracene				0.63	mg/kg		0.63	mg/kg	0.000063 %		
		601-033-00-9	200-280-6	56-55-3									
24		benzo[a]pyrene; benzo[def]chrysene				0.52	mg/kg		0.52	mg/kg	0.000052 %		
		601-032-00-3	200-028-5	50-32-8									
25		benzo[b]fluoranthene				0.66	mg/kg		0.66	mg/kg	0.000066 %		
		601-034-00-4	205-911-9	205-99-2									
26		benzo[ghi]perylene				0.23	mg/kg		0.23	mg/kg	0.000023 %		
			205-883-8	191-24-2									
27		benzo[k]fluoranthene				0.28	mg/kg		0.28	mg/kg	0.000028 %		
		601-036-00-5	205-916-6	207-08-9									
28		chrysene				0.59	mg/kg		0.59	mg/kg	0.000059 %		
		601-048-00-0	205-923-4	218-01-9									
29		coronene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-881-7	191-07-1									
30		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
31		fluoranthene				1.39	mg/kg		1.39	mg/kg	0.000139 %		
			205-912-4	206-44-0									
32		fluorene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
			201-695-5	86-73-7									
33		indeno[123-cd]pyrene				0.31	mg/kg		0.31	mg/kg	0.000031 %		
			205-893-2	193-39-5									
34		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
35		phenanthrene				1.26	mg/kg		1.26	mg/kg	0.000126 %		
			201-581-5	85-01-8									
36		pyrene				1.11	mg/kg		1.11	mg/kg	0.000111 %		
			204-927-3	129-00-0									
37		1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.0026	mg/kg		<0.0026	mg/kg	<0.00000026 %		<LOD
			203-458-1, 200-863-5	107-06-2, 75-34-3									
38		1,1,1,2-tetrachloroethane				<0.0013	mg/kg		<0.0013	mg/kg	<0.00000013 %		<LOD
			211-135-1	630-20-6									
39		1,1,1-trichloroethane; methyl chloroform				<0.0013	mg/kg		<0.0013	mg/kg	<0.00000013 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
40		1,1,2,2-tetrachloroethane				<0.0013	mg/kg		<0.0013	mg/kg	<0.00000013 %		<LOD
		602-015-00-3	201-197-8	79-34-5									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
41		1,1,2-trichloroethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-014-00-8	201-166-9	79-00-5							
42		1,1-dichloroethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-011-00-1	200-863-5	75-34-3							
43		1,1-dichloroethylene; vinylidene chloride				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-025-00-8	200-864-0	75-35-4							
44		1,1-dichloropropene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-031-00-0	209-253-3	563-58-6							
45		1,2,3-trichlorobenzene				<0.0039 mg/kg		<0.0039 mg/kg	<0.00000039 %		<LOD
			201-757-1	87-61-6							
46		1,2,3-trichloropropane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-062-00-X	202-486-1	96-18-4							
47		1,2,4-trichlorobenzene				<0.0039 mg/kg		<0.0039 mg/kg	<0.00000039 %		<LOD
		602-087-00-6	204-428-0	120-82-1							
48		1,2,4-trimethylbenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		601-043-00-3	202-436-9	95-63-6							
49		1,2-dibromo-3-chloropropane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-021-00-6	202-479-3	96-12-8							
50		1,2-dibromoethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-010-00-6	203-444-5	106-93-4							
51		1,2-dichlorobenzene; o-dichlorobenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-034-00-7	202-425-9	95-50-1							
52		1,2-dichloroethane; ethylene dichloride				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-012-00-7	203-458-1	107-06-2							
53		1,2-dichloropropane; propylene dichloride				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-020-00-0	201-152-2	78-87-5							
54		mesitylene; 1,3,5-trimethylbenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		601-025-00-5	203-604-4	108-67-8							
55		1,3-dichlorbenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-067-00-7	208-792-1	541-73-1							
56		1,3-dichloropropane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			205-531-3	142-28-9							
57		1,4-dichlorobenzene; p-dichlorobenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-035-00-2	203-400-5	106-46-7							
58		2,2-dichloropropane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			209-832-0	594-20-7							
59		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.0026 mg/kg		<0.0026 mg/kg	<0.00000026 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]							
60		bromobenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-060-00-9	203-623-8	108-86-1							
61		bromochloromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			200-826-3	74-97-5							
62		bromodichloromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			200-856-7	75-27-4							
63		bromoform; tribromomethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-007-00-X	200-854-6	75-25-2							
64		bromomethane; methylbromide				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-002-00-2	200-813-2	74-83-9							
65		carbon tetrachloride; tetrachloromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-008-00-5	200-262-8	56-23-5							
66		chlorobenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-033-00-1	203-628-5	108-90-7							
67		chloroethane				<0.0026 mg/kg		<0.0026 mg/kg	<0.00000026 %		<LOD
		602-009-00-0	200-830-5	75-00-3							
68		chloroform; trichloromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-006-00-4	200-663-8	67-66-3							

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
69		chloromethane; methyl chloride				<0.0039 mg/kg		<0.0039 mg/kg	<0.00000039 %		<LOD
		602-001-00-7	200-817-4	74-87-3							
70		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.0026 mg/kg		<0.0026 mg/kg	<0.00000026 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
71	●	dibromochloromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			204-704-0	124-48-1							
72		dibromomethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-003-00-8	200-824-2	74-95-3							
73	●	dichlorodifluoromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			200-893-9	75-71-8							
74	●	hexachlorobutadiene				<0.0026 mg/kg		<0.0026 mg/kg	<0.00000026 %		<LOD
			201-765-5	87-68-3							
75		cumene; [1] propylbenzene [2]				<0.0026 mg/kg		<0.0026 mg/kg	<0.00000026 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
76		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.0258 mg/kg		<0.0258 mg/kg	<0.00000258 %		<LOD
		603-181-00-X	216-653-1	1634-04-4							
77	●	n-butylbenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			203-209-7	104-51-8							
78	●	4-isopropyltoluene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			202-796-7	99-87-6							
79	●	sec-butylbenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			205-227-0	135-98-8							
80		styrene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		601-026-00-0	202-851-5	100-42-5							
81	●	tert-butylbenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			202-632-4	98-06-6							
82		tetrachloroethylene				0.0103 mg/kg		0.0103 mg/kg	0.00000103 %		
		602-028-00-4	204-825-9	127-18-4							
83		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.0078 mg/kg		<0.0078 mg/kg	<0.00000078 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
84		trichloroethylene; trichloroethene				0.0026 mg/kg		0.0026 mg/kg	0.00000026 %		
		602-027-00-9	201-167-4	79-01-6							
85	●	trichlorofluoromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			200-892-3	75-69-4							
86		vinyl chloride; chloroethylene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-023-00-7	200-831-0	75-01-4							
87	●	polychlorobiphenyls; PCB				<0.0452 mg/kg		<0.0452 mg/kg	<0.00000451 %		<LOD
		602-039-00-4	215-648-1	1336-36-3							
									Total:	0.0699 %	

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because The hazard phase HP 3(i) refers to flammable liquid, however, as the material is a solid and no free phase product was observed during sampling this hazard has been discounted from further consideration.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00877%)

Classification of sample: HP5

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample Name:
HP5
Sample Depth:
0.4 m
Moisture content:
20.9%
(no correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 20.9% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		1.7 mg/kg	3.22	5.474 mg/kg	0.000547 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		13 mg/kg	1.32	17.164 mg/kg	0.00172 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.24 mg/kg	1.142	0.274 mg/kg	0.0000274 %		
4	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		41 mg/kg	1.462	59.924 mg/kg	0.00599 %		
5	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		23.8 mg/kg	1.126	26.796 mg/kg	0.00268 %		
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	16.3 mg/kg		16.3 mg/kg	0.00163 %		
7	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<**LOD**
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		37 mg/kg	2.976	110.122 mg/kg	0.011 %		
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				1.4 mg/kg	2.554	3.575 mg/kg	0.000358 %		
10	zinc { zinc chromate }	024-007-00-3				78.9 mg/kg	2.774	218.88 mg/kg	0.0219 %		
11	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.1 mg/kg	1.923	<0.192 mg/kg	<0.0000192 %		<**LOD**
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.6 mg/kg	1.884	<1.13 mg/kg	<0.000113 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
13		pH				8.8	pH		8.8	pH	8.8 pH		
				PH									
14		phenol				<0.6	mg/kg		<0.6	mg/kg	<0.00006 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
15		benzene				<0.0126	mg/kg		<0.0126	mg/kg	<0.00000126 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
16		ethylbenzene				<0.0126	mg/kg		<0.0126	mg/kg	<0.00000126 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
17		toluene				<0.0126	mg/kg		<0.0126	mg/kg	<0.00000126 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		xylene				<0.038	mg/kg		<0.038	mg/kg	<0.0000038 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		TPH (C6 to C40) petroleum group				298.313	mg/kg		298.313	mg/kg	0.0298 %		
				TPH									
20		acenaphthene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
			201-469-6	83-32-9									
21		acenaphthylene				0.39	mg/kg		0.39	mg/kg	0.000039 %		
			205-917-1	208-96-8									
22		anthracene				1.14	mg/kg		1.14	mg/kg	0.000114 %		
			204-371-1	120-12-7									
23		benzo[a]anthracene				5.3	mg/kg		5.3	mg/kg	0.00053 %		
		601-033-00-9	200-280-6	56-55-3									
24		benzo[a]pyrene; benzo[def]chrysene				5.13	mg/kg		5.13	mg/kg	0.000513 %		
		601-032-00-3	200-028-5	50-32-8									
25		benzo[b]fluoranthene				6.42	mg/kg		6.42	mg/kg	0.000642 %		
		601-034-00-4	205-911-9	205-99-2									
26		benzo[ghi]perylene				2.38	mg/kg		2.38	mg/kg	0.000238 %		
			205-883-8	191-24-2									
27		benzo[k]fluoranthene				2.28	mg/kg		2.28	mg/kg	0.000228 %		
		601-036-00-5	205-916-6	207-08-9									
28		chrysene				4.55	mg/kg		4.55	mg/kg	0.000455 %		
		601-048-00-0	205-923-4	218-01-9									
29		coronene				0.58	mg/kg		0.58	mg/kg	0.000058 %		
			205-881-7	191-07-1									
30		dibenz[a,h]anthracene				0.59	mg/kg		0.59	mg/kg	0.000059 %		
		601-041-00-2	200-181-8	53-70-3									
31		fluoranthene				10.61	mg/kg		10.61	mg/kg	0.00106 %		
			205-912-4	206-44-0									
32		fluorene				0.14	mg/kg		0.14	mg/kg	0.000014 %		
			201-695-5	86-73-7									
33		indeno[123-cd]pyrene				3.11	mg/kg		3.11	mg/kg	0.000311 %		
			205-893-2	193-39-5									
34		naphthalene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
		601-052-00-2	202-049-5	91-20-3									
35		phenanthrene				3.4	mg/kg		3.4	mg/kg	0.00034 %		
			201-581-5	85-01-8									
36		pyrene				8.41	mg/kg		8.41	mg/kg	0.000841 %		
			204-927-3	129-00-0									
37		1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.0026	mg/kg		<0.0026	mg/kg	<0.00000026 %		<LOD
			203-458-1, 200-863-5	107-06-2, 75-34-3									
38		1,1,1,2-tetrachloroethane				<0.0013	mg/kg		<0.0013	mg/kg	<0.00000013 %		<LOD
			211-135-1	630-20-6									
39		1,1,1-trichloroethane; methyl chloroform				<0.0013	mg/kg		<0.0013	mg/kg	<0.00000013 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
40		1,1,2,2-tetrachloroethane				<0.0013	mg/kg		<0.0013	mg/kg	<0.00000013 %		<LOD
		602-015-00-3	201-197-8	79-34-5									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
41		1,1,2-trichloroethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-014-00-8	201-166-9	79-00-5							
42		1,1-dichloroethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-011-00-1	200-863-5	75-34-3							
43		1,1-dichloroethylene; vinylidene chloride				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-025-00-8	200-864-0	75-35-4							
44		1,1-dichloropropene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-031-00-0	209-253-3	563-58-6							
45	●	1,2,3-trichlorobenzene				<0.0038 mg/kg		<0.0038 mg/kg	<0.00000038 %		<LOD
			201-757-1	87-61-6							
46		1,2,3-trichloropropane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-062-00-X	202-486-1	96-18-4							
47		1,2,4-trichlorobenzene				<0.0038 mg/kg		<0.0038 mg/kg	<0.00000038 %		<LOD
		602-087-00-6	204-428-0	120-82-1							
48		1,2,4-trimethylbenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		601-043-00-3	202-436-9	95-63-6							
49		1,2-dibromo-3-chloropropane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-021-00-6	202-479-3	96-12-8							
50		1,2-dibromoethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-010-00-6	203-444-5	106-93-4							
51		1,2-dichlorobenzene; o-dichlorobenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-034-00-7	202-425-9	95-50-1							
52		1,2-dichloroethane; ethylene dichloride				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-012-00-7	203-458-1	107-06-2							
53		1,2-dichloropropane; propylene dichloride				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-020-00-0	201-152-2	78-87-5							
54		mesitylene; 1,3,5-trimethylbenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		601-025-00-5	203-604-4	108-67-8							
55		1,3-dichlorbenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-067-00-7	208-792-1	541-73-1							
56	●	1,3-dichloropropane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			205-531-3	142-28-9							
57		1,4-dichlorobenzene; p-dichlorobenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-035-00-2	203-400-5	106-46-7							
58	●	2,2-dichloropropane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			209-832-0	594-20-7							
59		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.0026 mg/kg		<0.0026 mg/kg	<0.00000026 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]							
60		bromobenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-060-00-9	203-623-8	108-86-1							
61	●	bromochloromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			200-826-3	74-97-5							
62	●	bromodichloromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			200-856-7	75-27-4							
63		bromoform; tribromomethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-007-00-X	200-854-6	75-25-2							
64		bromomethane; methylbromide				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-002-00-2	200-813-2	74-83-9							
65		carbon tetrachloride; tetrachloromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-008-00-5	200-262-8	56-23-5							
66		chlorobenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-033-00-1	203-628-5	108-90-7							
67		chloroethane				<0.0025 mg/kg		<0.0025 mg/kg	<0.00000025 %		<LOD
		602-009-00-0	200-830-5	75-00-3							
68		chloroform; trichloromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-006-00-4	200-663-8	67-66-3							

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
69		chloromethane; methyl chloride				<0.0038 mg/kg		<0.0038 mg/kg	<0.00000038 %		<LOD
		602-001-00-7	200-817-4	74-87-3							
70		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.0026 mg/kg		<0.0026 mg/kg	<0.00000026 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
71	●	dibromochloromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			204-704-0	124-48-1							
72		dibromomethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-003-00-8	200-824-2	74-95-3							
73	●	dichlorodifluoromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			200-893-9	75-71-8							
74	●	hexachlorobutadiene				<0.0025 mg/kg		<0.0025 mg/kg	<0.00000025 %		<LOD
			201-765-5	87-68-3							
75		cumene; [1] propylbenzene [2]				<0.0026 mg/kg		<0.0026 mg/kg	<0.00000026 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
76		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.0253 mg/kg		<0.0253 mg/kg	<0.00000253 %		<LOD
		603-181-00-X	216-653-1	1634-04-4							
77	●	n-butylbenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			203-209-7	104-51-8							
78	●	4-isopropyltoluene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			202-796-7	99-87-6							
79	●	sec-butylbenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			205-227-0	135-98-8							
80		styrene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		601-026-00-0	202-851-5	100-42-5							
81	●	tert-butylbenzene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			202-632-4	98-06-6							
82		tetrachloroethylene				0.0088 mg/kg		0.0088 mg/kg	0.00000088 %		
		602-028-00-4	204-825-9	127-18-4							
83		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				0.0139 mg/kg		0.0139 mg/kg	0.00000139 %		
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
84		trichloroethylene; trichloroethene				0.024 mg/kg		0.024 mg/kg	0.0000024 %		
		602-027-00-9	201-167-4	79-01-6							
85	●	trichlorofluoromethane				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
			200-892-3	75-69-4							
86		vinyl chloride; chloroethylene				<0.0013 mg/kg		<0.0013 mg/kg	<0.00000013 %		<LOD
		602-023-00-7	200-831-0	75-01-4							
87	●	polychlorobiphenyls; PCB				<0.0442 mg/kg		<0.0442 mg/kg	<0.00000442 %		<LOD
		602-039-00-4	215-648-1	1336-36-3							
								Total:	0.0814 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because The hazard phase HP 3(i) refers to flammable liquid, however, as the material is a solid and no free phase product was observed during sampling this hazard has been discounted from further consideration.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]: (conc.: 1.39e-06%)

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0298%)

Classification of sample: HP6 0.3-0.5

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample Name:
HP6 0.3-0.5
Sample Depth:
0.3 m
Moisture content:
19.6%
(no correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 19.6% No Moisture Correction applied (MC)

#	Determinand	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number / EC Number / CAS Number							
1	boron { diboron trioxide; boric oxide }		1 mg/kg	3.22	3.22 mg/kg	0.000322 %		
	005-008-00-8 / 215-125-8 / 1303-86-2							
2	arsenic { arsenic trioxide }		7.7 mg/kg	1.32	10.167 mg/kg	0.00102 %		
	033-003-00-0 / 215-481-4 / 1327-53-3							
3	cadmium { cadmium oxide }		<0.21 mg/kg	1.142	<0.24 mg/kg	<0.000024 %		<LOD
	048-002-00-0 / 215-146-2 / 1306-19-0							
4	chromium in chromium(III) compounds { chromium(III) oxide }		22.6 mg/kg	1.462	33.031 mg/kg	0.0033 %		
	215-160-9 / 1308-38-9							
5	copper { dicopper oxide; copper (I) oxide }		22.5 mg/kg	1.126	25.332 mg/kg	0.00253 %		
	029-002-00-X / 215-270-7 / 1317-39-1							
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	1	20.7 mg/kg		20.7 mg/kg	0.00207 %		
	082-001-00-6							
7	mercury { mercury dichloride }		<0.5 mg/kg	1.353	<0.677 mg/kg	<0.0000677 %		<LOD
	080-010-00-X / 231-299-8 / 7487-94-7							
8	nickel { nickel chromate }		20.7 mg/kg	2.976	61.609 mg/kg	0.00616 %		
	028-035-00-7 / 238-766-5 / 14721-18-7							
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }		0.7 mg/kg	2.554	1.788 mg/kg	0.000179 %		
	034-002-00-8							
10	zinc { zinc chromate }		70.1 mg/kg	2.774	194.468 mg/kg	0.0194 %		
	024-007-00-3							
11	chromium in chromium(VI) compounds { chromium(VI) oxide }		<0.1 mg/kg	1.923	<0.192 mg/kg	<0.0000192 %		<LOD
	024-001-00-0 / 215-607-8 / 1333-82-0							
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }		<0.6 mg/kg	1.884	<1.13 mg/kg	<0.000113 %		<LOD
	006-007-00-5							

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
13		pH				8.6	pH		8.6	pH	8.6 pH		
				PH									
14		phenol				<0.6	mg/kg		<0.6	mg/kg	<0.00006 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
15		benzene				<0.0124	mg/kg		<0.0124	mg/kg	<0.00000124 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
16		ethylbenzene				<0.0124	mg/kg		<0.0124	mg/kg	<0.00000124 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
17		toluene				<0.0124	mg/kg		<0.0124	mg/kg	<0.00000124 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		xylene				<0.0373	mg/kg		<0.0373	mg/kg	<0.00000373 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
19		TPH (C6 to C40) petroleum group				547.212	mg/kg		547.212	mg/kg	0.0547 %		
				TPH									
20		acenaphthene				0.29	mg/kg		0.29	mg/kg	0.000029 %		
			201-469-6	83-32-9									
21		acenaphthylene				1.79	mg/kg		1.79	mg/kg	0.000179 %		
			205-917-1	208-96-8									
22		anthracene				2.44	mg/kg		2.44	mg/kg	0.000244 %		
			204-371-1	120-12-7									
23		benzo[a]anthracene				10.24	mg/kg		10.24	mg/kg	0.00102 %		
		601-033-00-9	200-280-6	56-55-3									
24		benzo[a]pyrene; benzo[def]chrysene				10.57	mg/kg		10.57	mg/kg	0.00106 %		
		601-032-00-3	200-028-5	50-32-8									
25		benzo[b]fluoranthene				12.4	mg/kg		12.4	mg/kg	0.00124 %		
		601-034-00-4	205-911-9	205-99-2									
26		benzo[ghi]perylene				5.27	mg/kg		5.27	mg/kg	0.000527 %		
			205-883-8	191-24-2									
27		benzo[k]fluoranthene				4.79	mg/kg		4.79	mg/kg	0.000479 %		
		601-036-00-5	205-916-6	207-08-9									
28		chrysene				8.4	mg/kg		8.4	mg/kg	0.00084 %		
		601-048-00-0	205-923-4	218-01-9									
29		coronene				1.21	mg/kg		1.21	mg/kg	0.000121 %		
			205-881-7	191-07-1									
30		dibenz[a,h]anthracene				1.23	mg/kg		1.23	mg/kg	0.000123 %		
		601-041-00-2	200-181-8	53-70-3									
31		fluoranthene				19.5	mg/kg		19.5	mg/kg	0.00195 %		
			205-912-4	206-44-0									
32		fluorene				0.45	mg/kg		0.45	mg/kg	0.000045 %		
			201-695-5	86-73-7									
33		indeno[123-cd]pyrene				6.73	mg/kg		6.73	mg/kg	0.000673 %		
			205-893-2	193-39-5									
34		naphthalene				0.14	mg/kg		0.14	mg/kg	0.000014 %		
		601-052-00-2	202-049-5	91-20-3									
35		phenanthrene				7.84	mg/kg		7.84	mg/kg	0.000784 %		
			201-581-5	85-01-8									
36		pyrene				16.8	mg/kg		16.8	mg/kg	0.00168 %		
			204-927-3	129-00-0									
37		1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.0024	mg/kg		<0.0024	mg/kg	<0.00000024 %		<LOD
			203-458-1, 200-863-5	107-06-2, 75-34-3									
38		1,1,1,2-tetrachloroethane				<0.0012	mg/kg		<0.0012	mg/kg	<0.00000012 %		<LOD
			211-135-1	630-20-6									
39		1,1,1-trichloroethane; methyl chloroform				<0.0012	mg/kg		<0.0012	mg/kg	<0.00000012 %		<LOD
		602-013-00-2	200-756-3	71-55-6									
40		1,1,2,2-tetrachloroethane				<0.0012	mg/kg		<0.0012	mg/kg	<0.00000012 %		<LOD
		602-015-00-3	201-197-8	79-34-5									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
41		1,1,2-trichloroethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-014-00-8	201-166-9	79-00-5							
42		1,1-dichloroethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-011-00-1	200-863-5	75-34-3							
43		1,1-dichloroethylene; vinylidene chloride				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-025-00-8	200-864-0	75-35-4							
44		1,1-dichloropropene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-031-00-0	209-253-3	563-58-6							
45		1,2,3-trichlorobenzene				<0.0037 mg/kg		<0.0037 mg/kg	<0.00000037 %		<LOD
			201-757-1	87-61-6							
46		1,2,3-trichloropropane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-062-00-X	202-486-1	96-18-4							
47		1,2,4-trichlorobenzene				<0.0037 mg/kg		<0.0037 mg/kg	<0.00000037 %		<LOD
		602-087-00-6	204-428-0	120-82-1							
48		1,2,4-trimethylbenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		601-043-00-3	202-436-9	95-63-6							
49		1,2-dibromo-3-chloropropane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-021-00-6	202-479-3	96-12-8							
50		1,2-dibromoethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-010-00-6	203-444-5	106-93-4							
51		1,2-dichlorobenzene; o-dichlorobenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-034-00-7	202-425-9	95-50-1							
52		1,2-dichloroethane; ethylene dichloride				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-012-00-7	203-458-1	107-06-2							
53		1,2-dichloropropane; propylene dichloride				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-020-00-0	201-152-2	78-87-5							
54		mesitylene; 1,3,5-trimethylbenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		601-025-00-5	203-604-4	108-67-8							
55		1,3-dichlorbenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-067-00-7	208-792-1	541-73-1							
56		1,3-dichloropropane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			205-531-3	142-28-9							
57		1,4-dichlorobenzene; p-dichlorobenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-035-00-2	203-400-5	106-46-7							
58		2,2-dichloropropane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			209-832-0	594-20-7							
59		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.0024 mg/kg		<0.0024 mg/kg	<0.00000024 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]							
60		bromobenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-060-00-9	203-623-8	108-86-1							
61		bromochloromethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			200-826-3	74-97-5							
62		bromodichloromethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			200-856-7	75-27-4							
63		bromoform; tribromomethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-007-00-X	200-854-6	75-25-2							
64		bromomethane; methylbromide				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-002-00-2	200-813-2	74-83-9							
65		carbon tetrachloride; tetrachloromethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-008-00-5	200-262-8	56-23-5							
66		chlorobenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-033-00-1	203-628-5	108-90-7							
67		chloroethane				<0.0025 mg/kg		<0.0025 mg/kg	<0.00000025 %		<LOD
		602-009-00-0	200-830-5	75-00-3							
68		chloroform; trichloromethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-006-00-4	200-663-8	67-66-3							

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
69		chloromethane; methyl chloride				<0.0037 mg/kg		<0.0037 mg/kg	<0.00000037 %		<LOD
		602-001-00-7	200-817-4	74-87-3							
70		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.0024 mg/kg		<0.0024 mg/kg	<0.00000024 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
71	●	dibromochloromethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			204-704-0	124-48-1							
72		dibromomethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-003-00-8	200-824-2	74-95-3							
73	●	dichlorodifluoromethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			200-893-9	75-71-8							
74	●	hexachlorobutadiene				<0.0025 mg/kg		<0.0025 mg/kg	<0.00000025 %		<LOD
			201-765-5	87-68-3							
75		cumene; [1] propylbenzene [2]				<0.0024 mg/kg		<0.0024 mg/kg	<0.00000024 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
76		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.0249 mg/kg		<0.0249 mg/kg	<0.00000249 %		<LOD
		603-181-00-X	216-653-1	1634-04-4							
77	●	n-butylbenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			203-209-7	104-51-8							
78	●	4-isopropyltoluene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			202-796-7	99-87-6							
79	●	sec-butylbenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			205-227-0	135-98-8							
80		styrene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		601-026-00-0	202-851-5	100-42-5							
81	●	tert-butylbenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			202-632-4	98-06-6							
82		tetrachloroethylene				0.005 mg/kg		0.005 mg/kg	0.0000005 %		
		602-028-00-4	204-825-9	127-18-4							
83		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.0074 mg/kg		<0.0074 mg/kg	<0.00000074 %		<LOD
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
84		trichloroethylene; trichloroethene				0.0012 mg/kg		0.0012 mg/kg	0.00000012 %		
		602-027-00-9	201-167-4	79-01-6							
85	●	trichlorofluoromethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			200-892-3	75-69-4							
86		vinyl chloride; chloroethylene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-023-00-7	200-831-0	75-01-4							
87	●	polychlorobiphenyls; PCB				<0.0435 mg/kg		<0.0435 mg/kg	<0.00000435 %		<LOD
		602-039-00-4	215-648-1	1336-36-3							
									Total:	0.101 %	

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because The hazard phase HP 3(i) refers to flammable liquid, however, as the material is a solid and no free phase product was observed during sampling this hazard has been discounted from further consideration.

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0547%)

Classification of sample: HP6 0.7-0.9

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample Name:
HP6 0.7-0.9
Sample Depth:
0.7 m
Moisture content:
17.2%
(no correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 17.2% No Moisture Correction applied (MC)

#	Determinand	CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	boron { diboron trioxide; boric oxide }	005-008-00-8	215-125-8	1303-86-2		0.7 mg/kg	3.22	2.254 mg/kg	0.000225 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		11.2 mg/kg	1.32	14.788 mg/kg	0.00148 %		
3	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.29 mg/kg	1.142	0.331 mg/kg	0.0000331 %		
4	chromium in chromium(III) compounds { chromium(III) oxide }		215-160-9	1308-38-9		21.6 mg/kg	1.462	31.57 mg/kg	0.00316 %		
5	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		43.7 mg/kg	1.126	49.201 mg/kg	0.00492 %		
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	208 mg/kg		208 mg/kg	0.0208 %		
7	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.52 mg/kg	1.353	<0.704 mg/kg	<0.0000704 %		<LOD
8	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		21.4 mg/kg	2.976	63.692 mg/kg	0.00637 %		
9	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				0.6 mg/kg	2.554	1.532 mg/kg	0.000153 %		
10	zinc { zinc chromate }	024-007-00-3				293.4 mg/kg	2.774	813.935 mg/kg	0.0814 %		
11	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<0.1 mg/kg	1.923	<0.192 mg/kg	<0.0000192 %		<LOD
12	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.6 mg/kg	1.884	<1.13 mg/kg	<0.000113 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number									
13		pH				8.5	pH		8.5	pH	8.5 pH		
				PH									
14		phenol				<0.6	mg/kg		<0.6	mg/kg	<0.00006 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
15		TPH (C6 to C40) petroleum group				397.2	mg/kg		397.2	mg/kg	0.0397 %		
				TPH									
16		acenaphthene				0.18	mg/kg		0.18	mg/kg	0.000018 %		
			201-469-6	83-32-9									
17		acenaphthylene				1.11	mg/kg		1.11	mg/kg	0.000111 %		
			205-917-1	208-96-8									
18		anthracene				1.5	mg/kg		1.5	mg/kg	0.00015 %		
			204-371-1	120-12-7									
19		benzo[a]anthracene				7.43	mg/kg		7.43	mg/kg	0.000743 %		
		601-033-00-9	200-280-6	56-55-3									
20		benzo[a]pyrene; benzo[def]chrysene				7.69	mg/kg		7.69	mg/kg	0.000769 %		
		601-032-00-3	200-028-5	50-32-8									
21		benzo[b]fluoranthene				9.28	mg/kg		9.28	mg/kg	0.000928 %		
		601-034-00-4	205-911-9	205-99-2									
22		benzo[ghi]perylene				3.9	mg/kg		3.9	mg/kg	0.00039 %		
			205-883-8	191-24-2									
23		benzo[k]fluoranthene				3.41	mg/kg		3.41	mg/kg	0.000341 %		
		601-036-00-5	205-916-6	207-08-9									
24		chrysene				6.15	mg/kg		6.15	mg/kg	0.000615 %		
		601-048-00-0	205-923-4	218-01-9									
25		dibenz[a,h]anthracene				0.89	mg/kg		0.89	mg/kg	0.000089 %		
		601-041-00-2	200-181-8	53-70-3									
26		fluoranthene				13.9	mg/kg		13.9	mg/kg	0.00139 %		
			205-912-4	206-44-0									
27		fluorene				0.23	mg/kg		0.23	mg/kg	0.000023 %		
			201-695-5	86-73-7									
28		indeno[123-cd]pyrene				4.96	mg/kg		4.96	mg/kg	0.000496 %		
			205-893-2	193-39-5									
29		naphthalene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
		601-052-00-2	202-049-5	91-20-3									
30		phenanthrene				4.24	mg/kg		4.24	mg/kg	0.000424 %		
			201-581-5	85-01-8									
31		pyrene				11.96	mg/kg		11.96	mg/kg	0.0012 %		
			204-927-3	129-00-0									
32		1,1-dichloroethane and 1,2-dichloroethane (combined)				<0.0024	mg/kg		<0.0024	mg/kg	<0.00000024 %		<**LOD**
			203-458-1, 200-863-5	107-06-2, 75-34-3									
33		1,1,1,2-tetrachloroethane				<0.0012	mg/kg		<0.0012	mg/kg	<0.00000012 %		<**LOD**
			211-135-1	630-20-6									
34		1,1,1-trichloroethane; methyl chloroform				<0.0012	mg/kg		<0.0012	mg/kg	<0.00000012 %		<**LOD**
		602-013-00-2	200-756-3	71-55-6									
35		1,1,2,2-tetrachloroethane				<0.0012	mg/kg		<0.0012	mg/kg	<0.00000012 %		<**LOD**
		602-015-00-3	201-197-8	79-34-5									
36		1,1,2-trichloroethane				<0.0012	mg/kg		<0.0012	mg/kg	<0.00000012 %		<**LOD**
		602-014-00-8	201-166-9	79-00-5									
37		1,1-dichloroethane				<0.0012	mg/kg		<0.0012	mg/kg	<0.00000012 %		<**LOD**
		602-011-00-1	200-863-5	75-34-3									
38		1,1-dichloroethylene; vinylidene chloride				<0.0012	mg/kg		<0.0012	mg/kg	<0.00000012 %		<**LOD**
		602-025-00-8	200-864-0	75-35-4									
39		1,1-dichloropropene				<0.0012	mg/kg		<0.0012	mg/kg	<0.00000012 %		<**LOD**
		602-031-00-0	209-253-3	563-58-6									
40		1,2,3-trichlorobenzene				<0.0036	mg/kg		<0.0036	mg/kg	<0.00000036 %		<**LOD**
			201-757-1	87-61-6									
41		1,2,3-trichloropropane				<0.0012	mg/kg		<0.0012	mg/kg	<0.00000012 %		<**LOD**
		602-062-00-X	202-486-1	96-18-4									

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
42		1,2,4-trichlorobenzene				<0.0036 mg/kg		<0.0036 mg/kg	<0.00000036 %		<LOD
		602-087-00-6	204-428-0	120-82-1							
43		1,2,4-trimethylbenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		601-043-00-3	202-436-9	95-63-6							
44		1,2-dibromo-3-chloropropane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-021-00-6	202-479-3	96-12-8							
45		1,2-dibromoethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-010-00-6	203-444-5	106-93-4							
46		1,2-dichlorobenzene; o-dichlorobenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-034-00-7	202-425-9	95-50-1							
47		1,2-dichloroethane; ethylene dichloride				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-012-00-7	203-458-1	107-06-2							
48		1,2-dichloropropane; propylene dichloride				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-020-00-0	201-152-2	78-87-5							
49		mesitylene; 1,3,5-trimethylbenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		601-025-00-5	203-604-4	108-67-8							
50		1,3-dichlorbenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-067-00-7	208-792-1	541-73-1							
51		1,3-dichloropropane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			205-531-3	142-28-9							
52		1,4-dichlorobenzene; p-dichlorobenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-035-00-2	203-400-5	106-46-7							
53		2,2-dichloropropane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			209-832-0	594-20-7							
54		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.0024 mg/kg		<0.0024 mg/kg	<0.00000024 %		<LOD
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]							
55		bromobenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-060-00-9	203-623-8	108-86-1							
56		bromochloromethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			200-826-3	74-97-5							
57		bromodichloromethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			200-856-7	75-27-4							
58		bromoform; tribromomethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-007-00-X	200-854-6	75-25-2							
59		bromomethane; methylbromide				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-002-00-2	200-813-2	74-83-9							
60		carbon tetrachloride; tetrachloromethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-008-00-5	200-262-8	56-23-5							
61		chlorobenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-033-00-1	203-628-5	108-90-7							
62		chloroethane				<0.0024 mg/kg		<0.0024 mg/kg	<0.00000024 %		<LOD
		602-009-00-0	200-830-5	75-00-3							
63		chloroform; trichloromethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-006-00-4	200-663-8	67-66-3							
64		chloromethane; methyl chloride				<0.0036 mg/kg		<0.0036 mg/kg	<0.00000036 %		<LOD
		602-001-00-7	200-817-4	74-87-3							
65		1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.0024 mg/kg		<0.0024 mg/kg	<0.00000024 %		<LOD
		602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
66		dibromochloromethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			204-704-0	124-48-1							
67		dibromomethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-003-00-8	200-824-2	74-95-3							
68		dichlorodifluoromethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			200-893-9	75-71-8							
69		hexachlorobutadiene				<0.0024 mg/kg		<0.0024 mg/kg	<0.00000024 %		<LOD
			201-765-5	87-68-3							

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
70		cumene; [1] propylbenzene [2]				<0.0024 mg/kg		<0.0024 mg/kg	<0.00000024 %		<LOD
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
71		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.0268 mg/kg		<0.0268 mg/kg	<0.00000268 %		<LOD
		603-181-00-X	216-653-1	1634-04-4							
72	●	n-butylbenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			203-209-7	104-51-8							
73	●	4-isopropyltoluene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			202-796-7	99-87-6							
74	●	sec-butylbenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			205-227-0	135-98-8							
75		styrene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		601-026-00-0	202-851-5	100-42-5							
76	●	tert-butylbenzene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			202-632-4	98-06-6							
77		tetrachloroethylene				<0.0036 mg/kg		<0.0036 mg/kg	<0.00000036 %		<LOD
		602-028-00-4	204-825-9	127-18-4							
78		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				0.0145 mg/kg		0.0145 mg/kg	0.00000145 %		
		602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
79		trichloroethylene; trichloroethene				0.0242 mg/kg		0.0242 mg/kg	0.00000242 %		
		602-027-00-9	201-167-4	79-01-6							
80	●	trichlorofluoromethane				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
			200-892-3	75-69-4							
81		vinyl chloride; chloroethylene				<0.0012 mg/kg		<0.0012 mg/kg	<0.00000012 %		<LOD
		602-023-00-7	200-831-0	75-01-4							
								Total:	0.166 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because The hazard phase HP 3(i) refers to flammable liquid, however, as the material is a solid and no free phase product was observed during sampling this hazard has been discounted from further consideration.

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]: (conc.: 1.45e-06%)

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0397%)

Appendix A: Classifier defined and non CLP determinands

chromium(III) oxide (EC Number: 215-160-9, CAS Number: 1308-38-9)

Conversion factor: 1.462
Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , Repr. 1B H360FD , Skin Sens. 1 H317 , Resp. Sens. 1 H334 , Skin Irrit. 2 H315 , STOT SE 3 H335 , Eye Irrit. 2 H319 , Acute Tox. 4 H302 , Acute Tox. 4 H332

lead compounds with the exception of those specified elsewhere in this Annex (worst case)

CLP index number: 082-001-00-6
Description/Comments: Worst Case: IARC considers lead compounds Group 1; Carcinogenic to humans; Lead REACH Consortium considers some lead compounds Carcinogenic category 1A
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s)/Risk Phrase(s):
03 Jun 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 2A (Sup 7, 87) 2006; Lead REACH Consortium www.reach-lead.eu/substanceinformation.html (worst case lead compounds). Review date 29/09/2015

salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex

CLP index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Data source: Commission Regulation (EC) No 790/2009 - 1st Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP1)
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s)/Risk Phrase(s):
14 Dec 2015 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

pH (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

ethylbenzene (EC Number: 202-849-4, CAS Number: 100-41-4)

CLP index number: 601-023-00-4
Description/Comments:
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s)/Risk Phrase(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

TPH (C6 to C40) petroleum group (CAS Number: TPH)

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: Aquatic Chronic 2 H411 , Repr. 2 H361d , Carc. 1B H350 , Muta. 1B H340 , STOT RE 2 H373 , Asp. Tox. 1 H304 , Flam. Liq. 3 H226

acenaphthene (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Aquatic Chronic 2 H411 , Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , Skin Irrit. 2 H315 , STOT SE 3 H335 , Eye Irrit. 2 H319

acenaphthylene (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Skin Irrit. 2 H315 , STOT SE 3 H335 , Eye Irrit. 2 H319 , Acute Tox. 1 H310 , Acute Tox. 1 H330 , Acute Tox. 4 H302

- **anthracene** (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , Skin Sens. 1 H317 , Skin Irrit. 2 H315 , STOT SE 3 H335 , Eye Irrit. 2 H319

- **benzo[ghi]perylene** (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400

- **coronene** (EC Number: 205-881-7, CAS Number: 191-07-1)

Description/Comments: Data from C&L Inventory Database; no entries in Registered Substances or Pesticides Properties databases; SDS: Sigma Aldrich, 1907/2006 compliant, dated 2012 - no entries; IARC – Group 3, not carcinogenic.
Data source:
http://clp-inventory.echa.europa.eu/SummaryOfClassAndLabelling.aspx?SubstanceID=17010&HarmOnly=no?fc=true&lang=en
Data source date: 16 Jun 2014
Hazard Statements: STOT SE 2 H371

- **fluoranthene** (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , Acute Tox. 4 H302

- **fluorene** (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400

- **indeno[123-cd]pyrene** (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2 H351

- **phenanthrene** (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Skin Irrit. 2 H315 , Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , Skin Sens. 1 H317 , Carc. 2 H351 , STOT SE 3 H335 , Eye Irrit. 2 H319 , Acute Tox. 4 H302

- **pyrene** (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , STOT SE 3 H335 , Eye Irrit. 2 H319 , Skin Irrit. 2 H315

- **1,1-dichloroethane and 1,2-dichloroethane (combined)** (EC Number: 203-458-1, 200-863-5, CAS Number: 107-06-2, 75-34-3)

Description/Comments: Combines the hazard statements and risk phrases for 1,1-dichloroethane and 1,2-dichloroethane
Data source: N/a
Data source date: 14 Oct 2016
Hazard Statements: Aquatic Chronic 3 H412 , Carc. 1B H350 , STOT SE 3 H335 , Eye Irrit. 2 H319 , Skin Irrit. 2 H315 , Acute Tox. 4 H302 , Flam. Liq. 2 H225

- **1,1,1,2-tetrachloroethane** (EC Number: 211-135-1, CAS Number: 630-20-6)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Skin Irrit. 2 H315 , Aquatic Chronic 3 H412 , Acute Tox. 4 H312 , Carc. 2 H351 , Acute Tox. 4 H332 , Eye Dam. 1 H318 , Acute Tox. 3 H331 , Eye Irrit. 2 H319 , Acute Tox. 1 H310 , Acute Tox. 4 H302

1,2,3-trichlorobenzene (EC Number: 201-757-1, CAS Number: 87-61-6)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Aquatic Chronic 3 H410 , Aquatic Acute 1 H400 , STOT SE 3 H336 , STOT SE 3 H335 , Eye Irrit. 2 H319 , Skin Irrit. 2 H315 , Acute Tox. 4 H302

1,3-dichloropropane (EC Number: 205-531-3, CAS Number: 142-28-9)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: STOT SE 3 H335 , Eye Irrit. 2 H319 , Skin Irrit. 2 H315 , Flam. Liq. 3 H226 , Flam. Liq. 2 H225 , Acute Tox. 4 H332

2,2-dichloropropane (EC Number: 209-832-0, CAS Number: 594-20-7)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Eye Irrit. 2 H319 , Acute Tox. 4 H312 , Acute Tox. 4 H302 , Flam. Liq. 2 H225 , Acute Tox. 4 H332

bromochloromethane (EC Number: 200-826-3, CAS Number: 74-97-5)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Ozone 1 H420 , Skin Irrit. 2 H315 , STOT SE 3 H335 , Acute Tox. 4 H332 , Eye Dam. 1 H318 , Skin Corr. 1B H314 , Acute Tox. 4 H312

bromodichloromethane (EC Number: 200-856-7, CAS Number: 75-27-4)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Repr. 1A H360 , Carc. 1B H350 , Muta. 1B H340 , STOT SE 3 H335 , Eye Irrit. 2 H319 , Eye Dam. 1 H318 , Skin Irrit. 2 H315 , Acute Tox. 4 H302

dibromochloromethane (EC Number: 204-704-0, CAS Number: 124-48-1)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 3;
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Aquatic Chronic 2 H411 , Muta. 2 H341 , STOT SE 3 H336 , STOT SE 3 H335 , Acute Tox. 4 H332 , Eye Irrit. 2 H319 , Skin Irrit. 2 H315 , Acute Tox. 4 H312 , Acute Tox. 4 H302

dichlorodifluoromethane (EC Number: 200-893-9, CAS Number: 75-71-8)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Press. Gas H280 , Ozone 1 H420 , Aquatic Chronic 3 H412

hexachlorobutadiene (EC Number: 201-765-5, CAS Number: 87-68-3)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 3;
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , STOT SE 2 H371 , Repr. 2 H361 , Carc. 2 H351 , Acute Tox. 2 H330 , Eye Irrit. 2 H319 , Skin Sens. 1 H317 , Skin Irrit. 2 H315 , Acute Tox. 2 H310 , Acute Tox. 3 H301

n-butylbenzene (EC Number: 203-209-7, CAS Number: 104-51-8)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , Eye Irrit. 2 H319 , Skin Irrit. 2 H315 , Flam. Liq. 3 H226

4-isopropyltoluene (EC Number: 202-796-7, CAS Number: 99-87-6)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Aquatic Chronic 2 H411 , STOT SE 3 H335 , Eye Irrit. 2 H319 , Skin Irrit. 2 H315 , Asp. Tox. 1 H304 , Flam. Liq. 3 H226

- **sec-butylbenzene** (EC Number: 205-227-0, CAS Number: 135-98-8)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Aquatic Chronic 2 H411 , Eye Irrit. 2 H319 , Skin Irrit. 2 H315 , Asp. Tox. 1 H304 , Flam. Liq. 3 H226

- **tert-butylbenzene** (EC Number: 202-632-4, CAS Number: 98-06-6)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Aquatic Chronic 2 H411 , Asp. Tox. 1 H304 , STOT SE 3 H335 , Acute Tox. 4 H332 , Acute Tox. 3 H331 , Eye Irrit. 2 H319 , Skin Irrit. 2 H315 , Flam. Liq. 3 H226

- **trichlorofluoromethane** (EC Number: 200-892-3, CAS Number: 75-69-4)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Ozone 1 H420 , Acute Tox. 4 H312

- **polychlorobiphenyls; PCB** (EC Number: 215-648-1, CAS Number: 1336-36-3)

CLP index number: 602-039-00-4
Description/Comments: Worst Case: IARC considers PCB Group 1; Carcinogenic to humans; POP specific threshold from ATP1 (Regulation 756/2010/EU) to POPs Regulation (Regulation 850/2004/EC). Where applicable, the calculation method laid down in European standards EN 12766-1 and EN 12766-2 shall be applied.
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s)/Risk Phrase(s):
29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

Appendix B: Rationale for selection of metal species

boron {diboron trioxide; boric oxide}

Reasonable case CLP species based on hazard statements/ molecular weight, physical form and low solubility. Industrial sources include: fluxing agent for glass/enamels; additive for fibre optics, borosilicate glass (edit as required)

arsenic {arsenic trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds (edit as required)

cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. (edit as required) Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history (edit as required)

chromium in chromium(III) compounds {chromium(III) oxide}

Reasonable case species based on hazard statements/molecular weight. Industrial sources include: tanning, pigment in paint, inks and glass (edit as required)

copper {dicopper oxide; copper (I) oxide}

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Industrial sources include: oxidised copper metal, brake pads, pigments, antifouling paints, fungicide. (edit as required) Worse case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected. (edit as required)

lead {lead compounds with the exception of those specified elsewhere in this Annex (worst case)}

Chromium VI is less than 1 mg/kg and no oxidising reactions were noted during sampling. There chromate is discounted and the next worst case compound is selected.

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

nickel {nickel chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

selenium {selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex}

Harmonised group entry used as most reasonable case. Pigment cadmium sulphoselenide not likely to be present in this soil. No evidence for the other CLP entries: sodium selenite, nickel II selenite and nickel selenide, to be present in this soil. (edit as required)

zinc {zinc chromate}

Worst case CLP species based on hazard statements/molecular weight (edit as required)

chromium in chromium(VI) compounds {chromium(VI) oxide}

Worst case CLP species based on hazard statements/molecular weight. Industrial sources include: production stainless steel, electroplating, wood preservation, anti-corrosion agents or coatings, pigments (edit as required)

cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide] (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1, May 2018
HazWasteOnline Classification Engine Version: 2020.17.4145.8266 (18 Jan 2020)
HazWasteOnline Database: 2020.17.4145.8266 (18 Jan 2020)

This classification utilises the following guidance and legislation:
WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Wastes 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
POPs Regulation 2004 - Regulation 850/2004/EC of 29 April 2004
1st ATP to POPs Regulation - Regulation 756/2010/EU of 24 August 2010
2nd ATP to POPs Regulation - Regulation 757/2010/EU of 24 August 2010